

GTX300002

## Organelle Marker Antibody Panel

### Product Content

| Cat No       | Product Name                              | Reactivity  | Application                                    | Package |
|--------------|---|---|--|---------|
| GTX100448    | EGFR antibody<br>[C2C3], C-term           | Human, Mouse, Rat   | WB, ICC/IF, IHC-P,<br>FACS, IP                 | 25 µl   |
| GTX100539    | PCNA antibody                             | Human, Mouse, Rat, Drosophila, Golden Syrian Hamster  | WB, ICC/IF, IHC-P,<br>IHC-Fr, IP, FISH,<br>IHC | 25 µl   |
| GTX108749    | RPA70 antibody<br>[C1C3]                  | Human, Mouse  | WB, ICC/IF, IHC-P,<br>IP                       | 25 µl   |
| GTX109639    | beta Actin<br>antibody                    | Human, Mouse, Rat, Yeast, Sheep, Drosophila, Cat, Dog, Hamster, Chicken, Pig, Monkey,<br>Caenorhabditis elegans, Candida albicans, E. coli, Horse, Mosquito, Rice, Xenopus, Treeshrew,<br>Plant, Worm | WB, ICC/IF, IHC-P,<br>IHC-Fr, IP               | 25 µl   |
| GTX113379    | ALDH2 antibody<br>[N1C1]                  | Human, Mouse, Zebrafish   | WB, ICC/IF, IHC-P,<br>IHC-Wm                   | 25 µl   |
| GTX213110-01 | Goat Anti-Rabbit<br>IgG antibody<br>(HRP) | Rabbit  | WB, IHC-P, ELISA                               | 25 µl   |

### Note

For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



For full product information, images and publications, please visit our [website](#).

## EGFR antibody [C2C3], C-term

Cat. No. GTX100448

|             |                             |
|-------------|-----------------------------|
| Host        | Rabbit                      |
| Clonality   | Polyclonal                  |
| Isotype     | IgG                         |
| Application | WB, ICC/IF, IHC-P, FACS, IP |
| Reactivity  | Human, Mouse, Rat           |

Reference ( 5 )

★★★★☆ Review ( 7 )

Package

100 µl, 25 µl

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:3000         |
| ICC/IF             | 1:100-1:1000         |
| IHC-P              | 1:100-1:1000         |
| FACS               | Assay dependent      |
| IP                 | 1:100-1:500          |

Not tested in other applications.

|               |  |
|---------------|--|
| Calculated MW | 134 kDa. ( <a href="#">Note</a> )                            |
| Observed MW   | 180 kDa.   |
| Product Note  | IP/MS validation was supported by references (PMID:30377372) |

## PROPERTIES

|               |  |
|---------------|--|
| Form          | Liquid   |
| Buffer        | PBS, 1% BSA, 20% Glycerol  |
| Preservative  | 0.025% ProClin 300   |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 0.28 mg/ml (Please refer to the vial label for the specific concentration.)  |
| Immunogen     | Recombinant protein encompassing a sequence within the Intracellular domain of human EGFR. The exact sequence is proprietary.  |
| Purification  | Purified by antigen-affinity chromatography.   |



For full product information, images and publications, please visit our [website](#).

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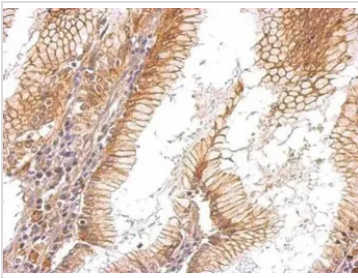
**Conjugation**

Unconjugated

**Note**

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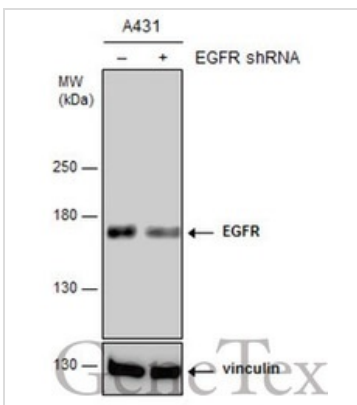
**DATA IMAGES**

**GTX100448 IHC-P Image**

EGFR antibody [C2C3], C-term detects EGFR protein at membrane on human gastric cancer by immunohistochemical analysis.

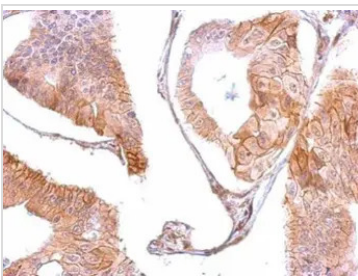
Sample: Paraffin-embedded gastric cancer.

EGFR antibody [C2C3], C-term (GTX100448) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min


**GTX100448 WB Image**

Non-transfected (-) and transfected (+) A431 whole cell extracts (15 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with EGFR antibody [C2C3], C-term (GTX100448) diluted at 1:6000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX100448 IHC-P Image**

EGFR antibody [C2C3], C-term detects EGFR protein at membrane on human gastric cancer by immunohistochemical analysis.

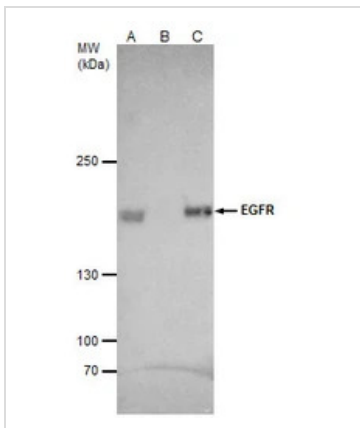
Sample: Paraffin-embedded gastric cancer .

EGFR antibody [C2C3], C-term (GTX100448) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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#### GTX100448 IP Image

EGFR antibody [C2C3], C-term immunoprecipitates EGFR protein in IP experiments.

IP samples: A431 whole cell extract

A. 40 µg A431 whole cell extract

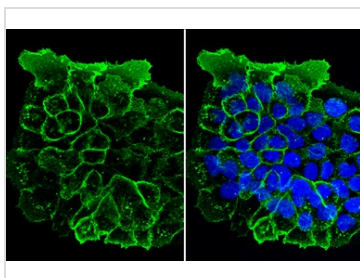
B. Control with 4 µg of preimmune Rabbit IgG

C. Immunoprecipitation of EGFR protein by 4 µg EGFR antibody [C2C3], C-term (GTX100448)

5 % SDS-PAGE

The immunoprecipitated EGFR protein was detected by EGFR antibody [C2C3], C-term (GTX100448) diluted at 1:1000.

[EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent]



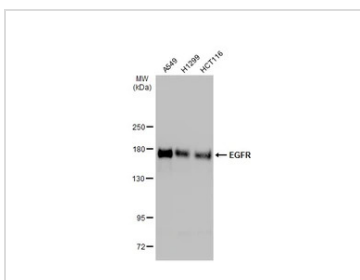
#### GTX100448 ICC/IF Image

EGFR antibody [C2C3], C-term detects EGFR protein at cell membrane by immunofluorescent analysis.

Sample: A431 cells were fixed in ice-cold MeOH for 5 min.

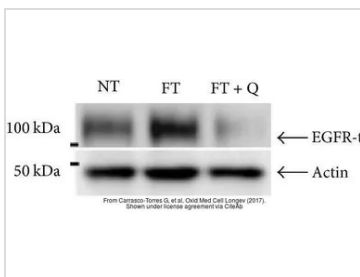
Green: EGFR stained by EGFR antibody [C2C3], C-term (GTX100448) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



#### GTX100448 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with EGFR antibody [C2C3], C-term (GTX100448) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



#### GTX100448 WB Image

The data was published in the 2017 in Oxid Med Cell Longev. [PMID: 28740570](https://pubmed.ncbi.nlm.nih.gov/28740570/)



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## PCNA antibody

Cat. No. GTX100539

|             |  |
|-------------|--|
| Host        | Rabbit   |
| Clonality   | Polyclonal   |
| Isotype     | IgG  |
| Application | WB, ICC/IF, IHC-P, IHC-Fr, IP, FISH, IHC             |
| Reactivity  | Human, Mouse, Rat, Drosophila, Golden Syrian Hamster |

Reference ( 82 )

★★★★★ Review ( 8 )

Package

100 µl, 25 µl

## PRODUCT

## Summary

PCNA antibody recognizes the proliferating cell nuclear antigen (PCNA), a cofactor of DNA polymerase delta with a predicted molecular weight of 29 kDa. PCNA is important for DNA synthesis, repair, and epigenetic modifications, and also serves as an organelle marker of the nucleus. PCNA antibody can be used for distinguishing between early, middle, and late S-phase of the cell cycle as well as grading of different neoplasms.

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:3000         |
| ICC/IF             | 1:100-1:1000         |
| IHC-P              | 1:100-1:1000         |
| IHC-Fr             | Assay dependent      |
| IP                 | 1:100-1:500          |
| FISH               | Assay dependent      |
| IHC                | Assay dependent      |

Not tested in other applications.

**Calculated MW** 29 kDa. ( [Note](#) )

**Product Note** IP/MS validation was supported by references (PMID:30377373)

## PROPERTIES

|              |  |
|--------------|--|
| Form         | Liquid   |
| Buffer       | PBS, 1% BSA, 20% Glycerol  |
| Preservative | 0.025% ProClin 300   |
| Storage      | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |

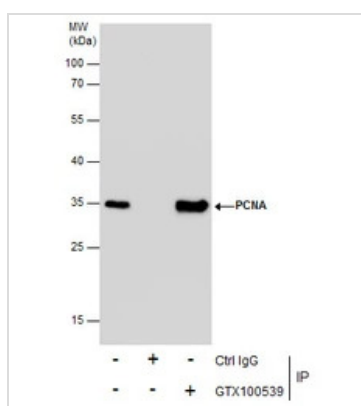


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|                      |  |
|----------------------|--|
| <b>Concentration</b> | 0.11 mg/ml (Please refer to the vial label for the specific concentration.)  |
| <b>Immunogen</b>     | Recombinant protein encompassing a sequence within the center region of human PCNA. The exact sequence is proprietary.   |
| <b>Purification</b>  | Purified by antigen-affinity chromatography.   |
| <b>Conjugation</b>   | Unconjugated   |
| <b>Note</b>          | For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.<br><br>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product. |

## DATA IMAGES

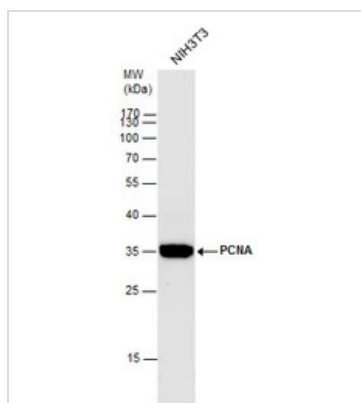


### GTX100539 IP Image

Immunoprecipitation of PCBP2 protein from HeLa whole cell extracts using 5 µg of PCBP2 antibody (GTX100539).

Western blot analysis was performed using PCBP2 antibody (GTX100539).

EasyBlot anti-Rabbit IgG (GTX221666-01) was used as a secondary reagent.



### GTX100539 WB Image

PCNA antibody detects PCNA protein by western blot analysis.

A. 30 µg NIH-3T3 whole cell lysate/extract

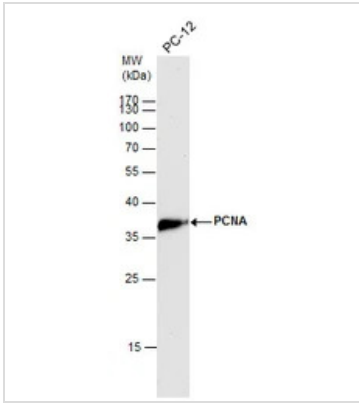
12% SDS-PAGE

PCNA antibody (GTX100539) dilution: 1:2500

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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## GTx100539 WB Image

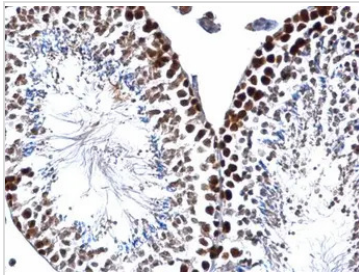
PCNA antibody detects PCNA protein by western blot analysis.

A. 30 µg PC-12 whole cell lysate/extract

12% SDS-PAGE

PCNA antibody (GTx100539) dilution: 1:2500

The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



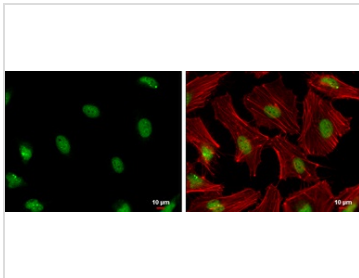
## GTx100539 IHC-P Image

PCNA antibody detects PCNA protein at nucleus on mouse testis by immunohistochemical analysis.

Sample: Paraffin-embedded mouse testis.

PCNA antibody (GTx100539) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



## GTx100539 ICC/IF Image

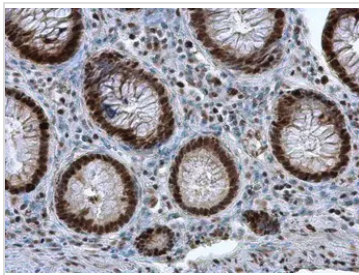
PCNA antibody detects PCNA protein at nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: PCNA protein stained by PCNA antibody (GTx100539) diluted at 1:500.

Red: Phalloidin, a cytoskeleton marker, diluted at 1:200.

Scale bar = 10 µm.



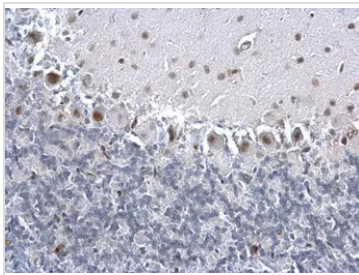
## GTx100539 IHC-P Image

PCNA antibody detects PCNA protein at nucleus in human colon by immunohistochemical analysis.

Sample: Paraffin-embedded human colon .

PCNA antibody (GTx100539) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



## GTx100539 IHC-P Image

PCNA antibody detects PCNA protein at nucleus on rat hind brain by immunohistochemical analysis.

Sample: Paraffin-embedded rat hind brain.

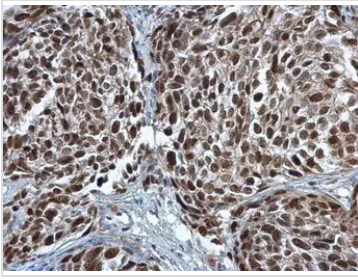
PCNA antibody (GTx100539) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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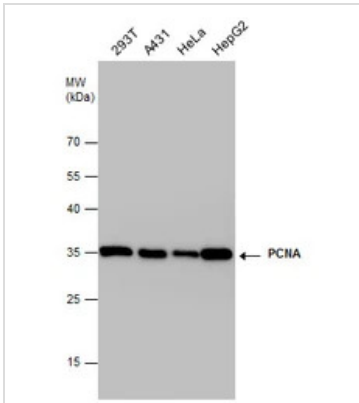

**GTx100539 IHC-P Image**

PCNA antibody detects PCNA protein at nucleus in human cervical carcinoma by immunohistochemical analysis.

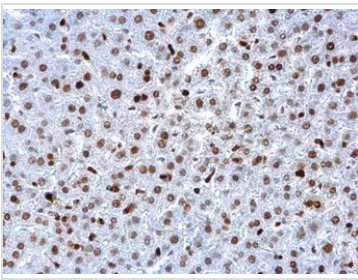
Sample: Paraffin-embedded human cervical carcinoma.

PCNA antibody (GTx100539) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTx100539 WB Image**

PCNA antibody detects PCNA protein by Western blot analysis. Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with PCNA antibody (GTx100539) diluted at 1:2500.

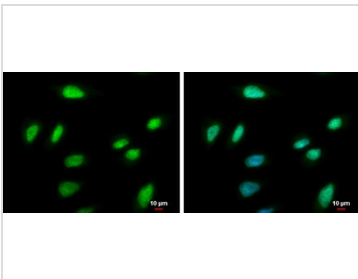

**GTx100539 IHC-P Image**

PCNA antibody detects PCNA protein at nucleus on mouse testis by immunohistochemical analysis.

Sample: Paraffin-embedded mouse testis.

PCNA antibody (GTx100539) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min


**GTx100539 ICC/IF Image**

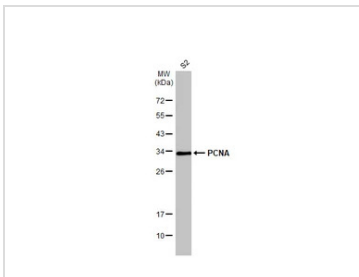
PCNA antibody detects PCNA protein at nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in ice-cold MeOH for 5 min.

Green: PCNA protein stained by PCNA antibody (GTx100539) diluted at 1:1000.

Blue: Hoechst 33342 staining.

Scale bar = 10 µm.

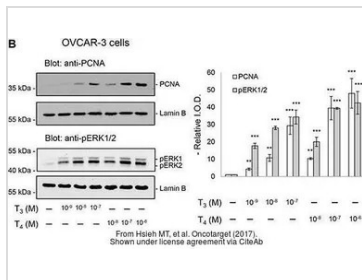

**GTx100539 WB Image**

Whole cell extract (30 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with PCNA antibody (GTx100539) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



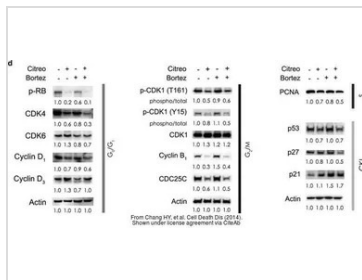
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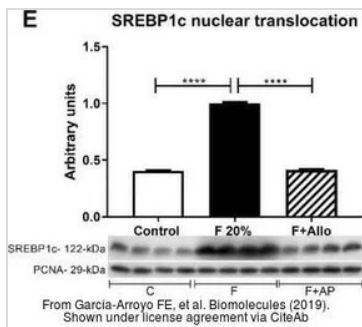
### GTx100539 WB Image

The data was published in the journal Oncotarget in 2017. [PMID: 27458161](#)



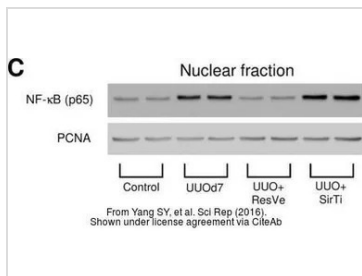
### GTx100539 WB Image

The data was published in the journal Cell Death Dis in 2014. [PMID: 25429617](#)



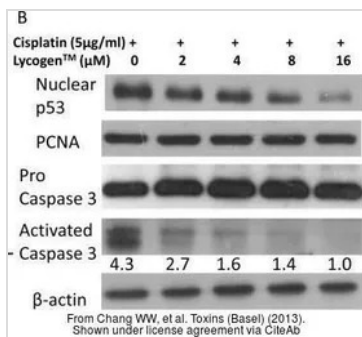
### GTx100539 WB Image

The data was published in the journal Biomolecules in 2019. [PMID: 31614639](#)



### GTx100539 WB Image

The data was published in the journal Sci Rep in 2016. [PMID: 27659793](#)

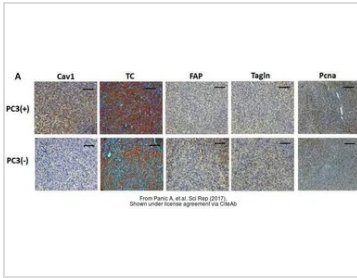


### GTx100539 WB Image

The data was published in the journal Toxins (Basel) in 2013. [PMID: 24335753](#)



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**GTX100539 IHC-P Image**

The data was published in the journal Sci Rep in 2017. [PMID: 28112237](https://pubmed.ncbi.nlm.nih.gov/28112237/)



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## RPA70 antibody [C1C3]

**Cat. No. GTX108749**

|                    |                       |
|--------------------|-----------------------|
| <b>Host</b>        | Rabbit                |
| <b>Clonality</b>   | Polyclonal            |
| <b>Isotype</b>     | IgG                   |
| <b>Application</b> | WB, ICC/IF, IHC-P, IP |
| <b>Reactivity</b>  | Human, Mouse          |

Reference ( 3 )

★★★★★ Review ( 1 )

Package

100 µl, 25 µl

### APPLICATION

#### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:3000         |
| ICC/IF             | 1:100-1:1000         |
| IHC-P              | 1:100-1:1000         |
| IP                 | 1:100-1:500          |

Not tested in other applications.

**Calculated MW** 68 kDa. ( [Note](#) )

### PROPERTIES

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS, 1% BSA, 20% Glycerol  |
| <b>Preservative</b>  | 0.025% ProClin 300   |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 0.4 mg/ml (Please refer to the vial label for the specific concentration.)   |
| <b>Immunogen</b>     | Recombinant protein encompassing a sequence within the C-terminus region of human RPA70. The exact sequence is proprietary.  |
| <b>Purification</b>  | Purified by antigen-affinity chromatography.   |
| <b>Conjugation</b>   | Unconjugated   |



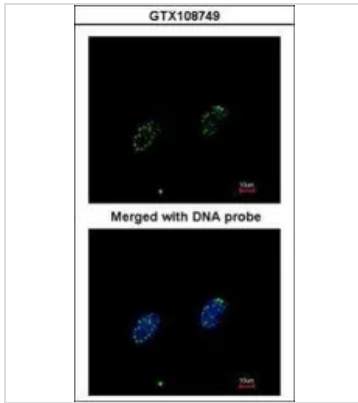
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## Note

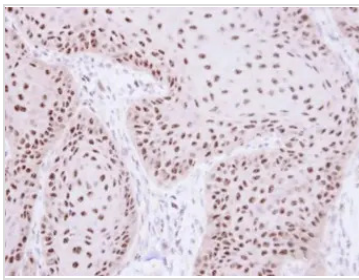
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## DATA IMAGES



### GTX108749 ICC/IF Image

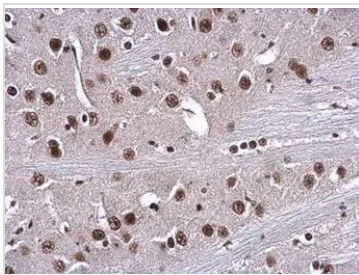
Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using RPA 70 kDa subunit (GTX108749) antibody at 1:200 dilution.



### GTX108749 IHC-P Image

Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using RPA 70 kDa subunit (GTX108749) antibody at 1:100 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



### GTX108749 IHC-P Image

RPA70 antibody [C1C3] detects RPA1 protein at nucleus in mouse brain by immunohistochemical analysis.

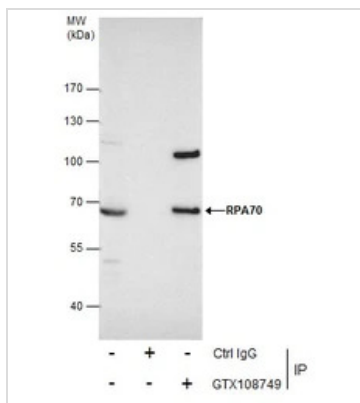
Sample: Paraffin-embedded mouse brain.

RPA70 antibody [C1C3] (GTX108749) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



For full product information, images and publications, please visit our [website](https://www.genetex.com).

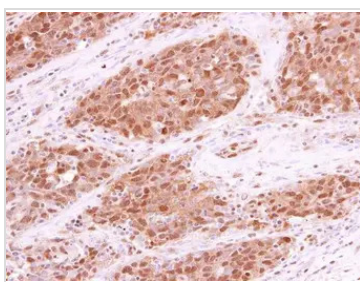


## GTX108749 IP Image

Immunoprecipitation of RPA70 protein from 293T whole cell extracts using 5 µg of RPA70 antibody [C1C3] (GTX108749).

Western blot analysis was performed using RPA70 antibody [C1C3] (GTX108749).

EasyBlot anti-Rabbit IgG (GTX221666-01) was used as a secondary reagent.



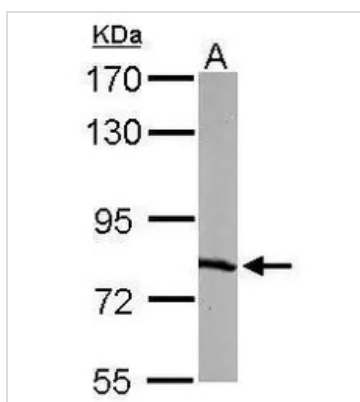
## GTX108749 IHC-P Image

RPA70 antibody [C1C3] detects RPA70 protein at cytoplasm and nucleus in human lung papillary adenocarcinoma by immunohistochemical analysis.

Sample: Paraffin-embedded human lung papillary adenocarcinoma.

RPA70 antibody [C1C3] (GTX108749) diluted at 1:250.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



## GTX108749 WB Image

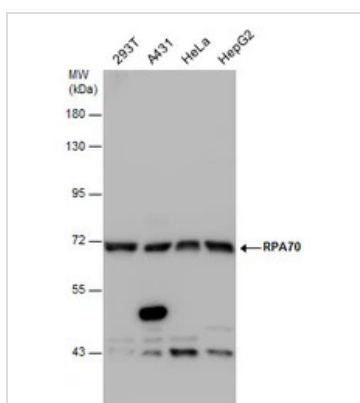
Sample (50 µg of whole cell lysate)

A: mouse liver

7.5% SDS PAGE

GTX108749 diluted at 1:1000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



## GTX108749 WB Image

RPA70 antibody [C1C3] detects RPA70 protein by Western blot analysis. Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with RPA70 antibody [C1C3]

(GTX108749) diluted at 1:1000.



For full product information, images and publications, please visit our [website](https://www.genetex.com).

## beta Actin antibody

Cat. No. GTX109639

|                    |   |
|--------------------|---|
| <b>Host</b>        | Rabbit  |
| <b>Clonality</b>   | Polyclonal  |
| <b>Isotype</b>     | IgG   |
| <b>Application</b> | WB, ICC/IF, IHC-P, IHC-Fr, IP   |
| <b>Reactivity</b>  | Human, Mouse, Rat, Yeast, Sheep, Drosophila, Cat, Dog, Hamster, Chicken, Pig, Monkey, Caenorhabditis elegans, Candida albicans, E. coli, Horse, Mosquito, Rice, Xenopus, Treeshrew, Plant, Worm |

Reference ( 611 )

★★★★★ Review ( 13 )

Package

100 µl, 25 µl

## PRODUCT

## Summary

beta-Actin antibody detects beta-actin, a cytoskeletal protein with a predicted molecular weight of 42 kDa. Because of its widespread expression, beta-actin is commonly used as a loading control for various protein assays, particularly western blots, to estimate sample protein amount and quality.

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:20000        |
| ICC/IF             | 1:100-1:1000         |
| IHC-P              | 1:100-1:1000         |
| IHC-Fr             | Assay dependent      |
| IP                 | Assay dependent      |

Not tested in other applications.

**Calculated MW** 42 kDa. ( [Note](#) )

**Product Note** IP/MS validation was supported by references (PMID:30377395)

## PROPERTIES

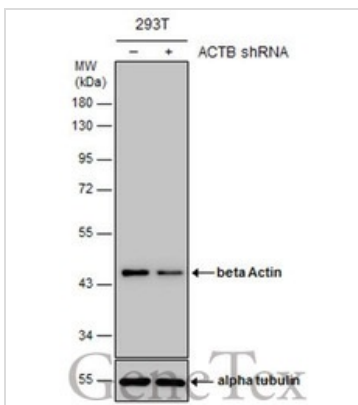
|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS, 20% Glycerol  |
| <b>Preservative</b>  | 0.025% ProClin 300   |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 0.77 mg/ml (Please refer to the vial label for the specific concentration.)  |



For full product information, images and publications, please visit our [website](#).

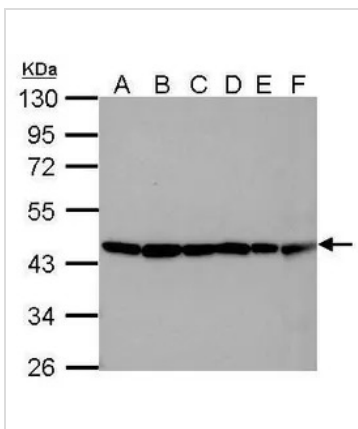
|                     |  |
|---------------------|--|
| <b>Immunogen</b>    | Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human beta Actin. The exact sequence is proprietary.  |
| <b>Purification</b> | Purified by antigen-affinity chromatography.   |
| <b>Conjugation</b>  | Unconjugated   |
| <b>Note</b>         | For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.<br><br>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product. |

#### DATA IMAGES



#### GTX109639 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (10 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with beta Actin antibody (GTX109639) diluted at 1:15000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



#### GTX109639 WB Image

Sample (30 µg of whole cell lysate)

A: 293T

B: NTH-3T3

C: mouse brain

D: PC-12

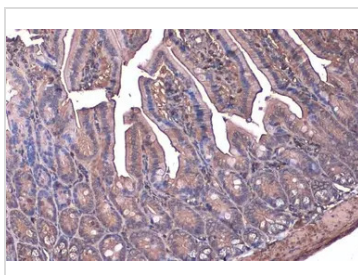
E: Rat brain

F: drosophila

10% SDS PAGE

GTX109639 diluted at 1:10000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



#### GTX109639 IHC-P Image

beta Actin antibody detects beta Actin protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse intestine.

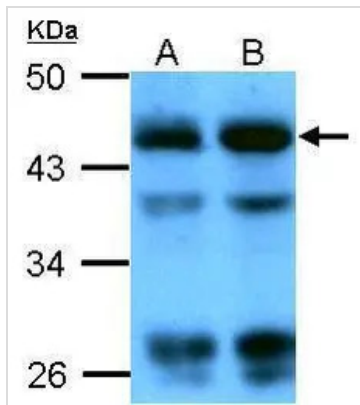
beta Actin stained by beta Actin antibody (GTX109639) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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## GTX109639 WB Image

Sample (whole cell lysate)

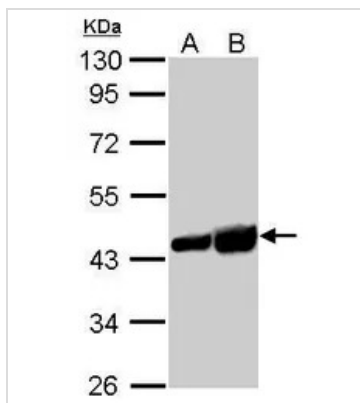
A: *Candida albicans* (sc5314) 20ug

B: *Candida albicans* (sc5314) 40ug

10% SDS PAGE

GTX109639 diluted at 1:4000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



## GTX109639 WB Image

beta Actin antibody detects ACTB protein by western blot analysis.

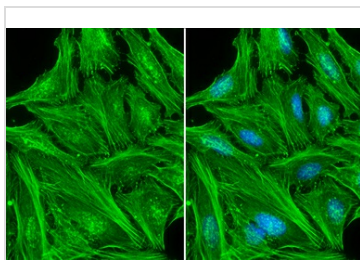
A. 30 µg PC-12 whole cell lysate/extract

B. 30 µg Rat-2 whole cell lysate/extract

10% SDS-PAGE

beta Actin antibody (GTX109639) dilution: 1:5000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



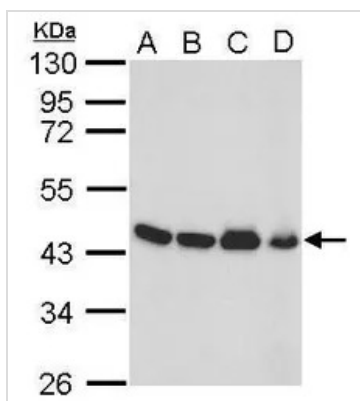
## GTX109639 ICC/IF Image

beta Actin antibody detects beta Actin protein at cytoskeleton by immunofluorescent analysis.

Sample: HeLa cells were fixed in ice-cold MeOH for 5 min.

Green: beta Actin stained by beta Actin antibody (GTX109639) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



## GTX109639 WB Image

beta Actin antibody detects ACTB protein by western blot analysis.

A. 50 µg mouse brain lysate/extract

B. 50 µg mouse kidney lysate/extract

C. 50 µg mouse lung lysate/extract

D. 50 µg mouse testis lysate/extract

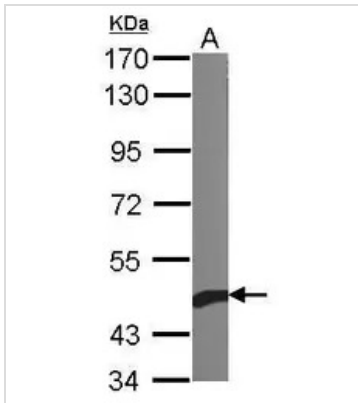
10% SDS-PAGE

beta Actin antibody (GTX109639) dilution: 1:10000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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## GTX109639 WB Image

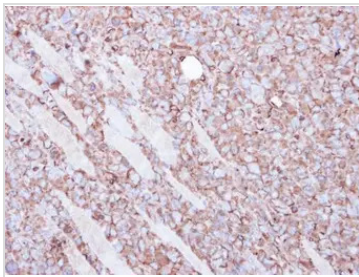
Sample (10 µg of whole cell lysate)

A: Yeast lysate

7.5% SDS PAGE

GTX109639 diluted at 1:1000

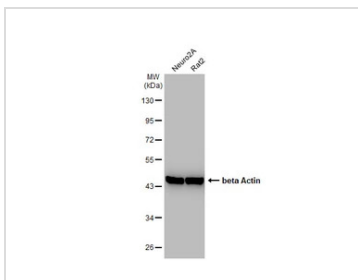
The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



## GTX109639 IHC-P Image

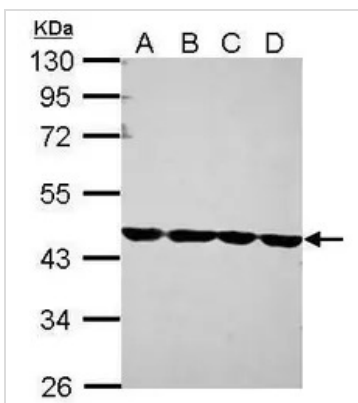
Immunohistochemical analysis of paraffin-embedded H1299 xenograft, using Beta actin(GTX109639) antibody at 1:100 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



## GTX109639 WB Image

Various whole cell extracts (30 µg) were separated by -% SDS-PAGE, and the membrane was blotted with beta Actin antibody (GTX109639) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



## GTX109639 WB Image

Sample (30 µg of whole cell lysate)

A: 293T

B: A431

C: Jurkat

D: Raji

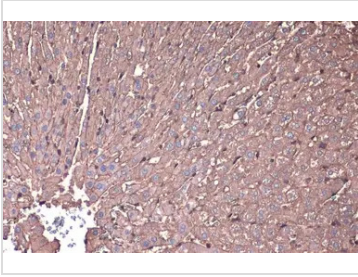
10% SDS PAGE

GTX109639 diluted at 1:1000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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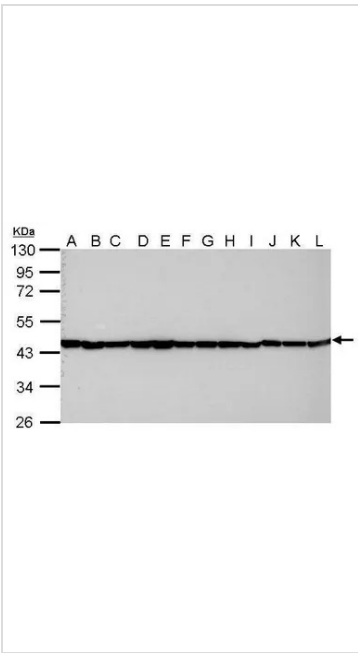

**GTX109639 IHC-P Image**

beta Actin antibody detects beta Actin protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded rat liver.

beta Actin stained by beta Actin antibody (GTX109639) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX109639 WB Image**

Sample (30 µg of whole cell lysate)

A: Jurkat

B: Raji

C: 293T

D: A431

E: HeLa

F: HepG2

G: H1299

H: HCT116

I: MCF-7

J: NT2D1

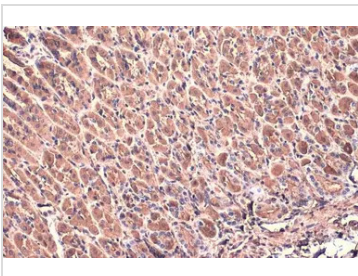
K: PC-3

L: U87-MG

10% SDS PAGE

GTX109639 diluted at 1:10000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

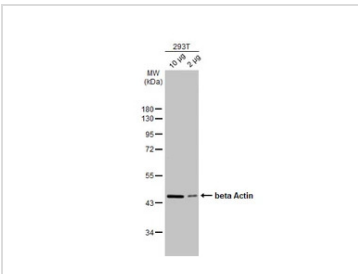

**GTX109639 IHC-P Image**

beta Actin antibody detects beta Actin protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse stomach.

beta Actin stained by beta Actin antibody (GTX109639) diluted at 1:500.

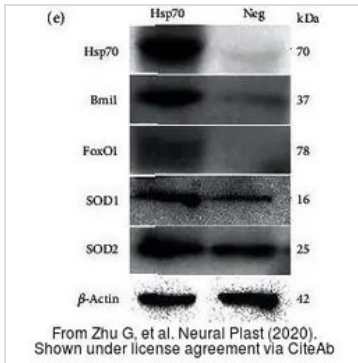
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX109639 WB Image**

Various whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with beta Actin antibody (GTX109639) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

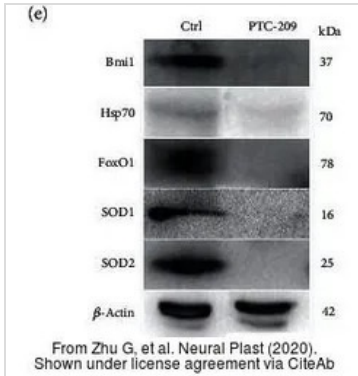


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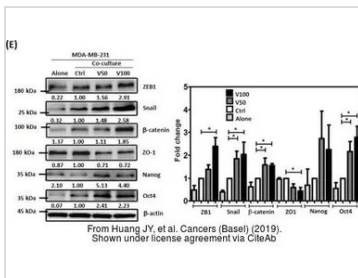
#### GTx109639 WB Image

The data was published in the 2020 in Neural Plast. [PMID: 33082778](#)



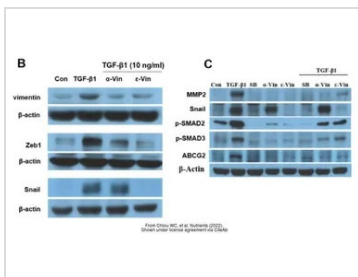
#### GTx109639 WB Image

The data was published in the 2020 in Neural Plast. [PMID: 33082778](#)



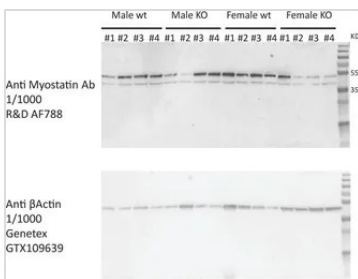
#### GTx109639 WB Image

The data was published in the 2019 in Cancers (Basel). [PMID: 31861872](#)



#### GTx109639 WB Image

The data was published in the 2022 in Nutrients. [PMID: 35684095](#)

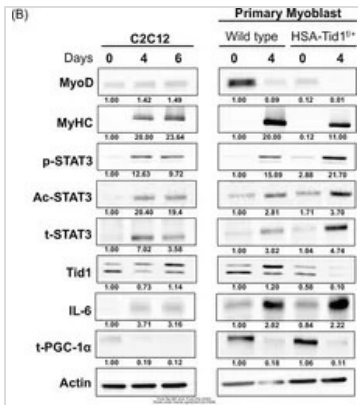


#### GTx109639 WB Image

The data was published in the 2022 in Elife. [PMID: 35416774](#)

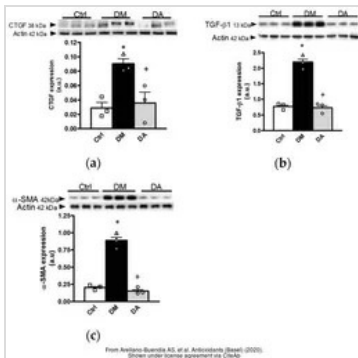


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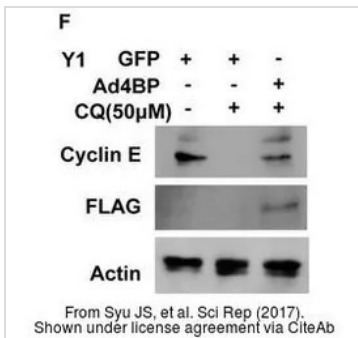
#### GTXT109639 WB Image

The data was published in the 2020 in PLoS One. [PMID: 33382817](https://pubmed.ncbi.nlm.nih.gov/33382817/)



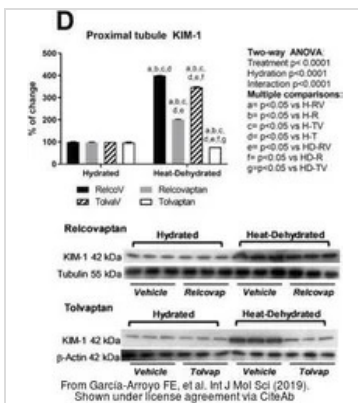
#### GTXT109639 WB Image

The data was published in the 2020 in Antioxidants (Basel). [PMID: 33203103](https://pubmed.ncbi.nlm.nih.gov/33203103/)



#### GTXT109639 WB Image

The data was published in the journal Sci Rep in 2017. [PMID: 28325912](https://pubmed.ncbi.nlm.nih.gov/28325912/)

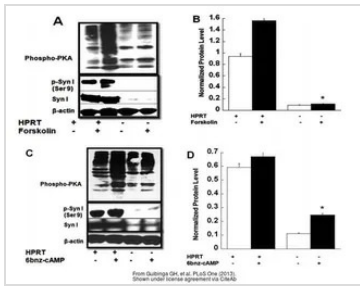


#### GTXT109639 WB Image

The data was published in the journal Int J Mol Sci in 2019. [PMID: 31744099](https://pubmed.ncbi.nlm.nih.gov/31744099/)

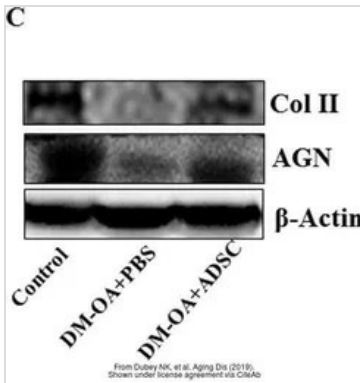


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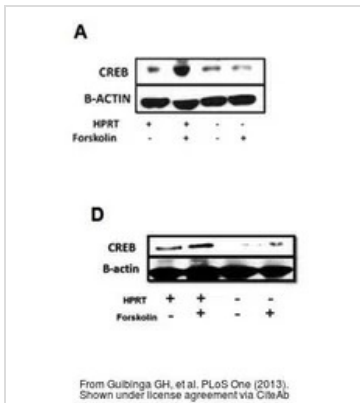
#### GTx109639 WB Image

The data was published in the journal PLoS One in 2013.[PMID: 23691025](#)



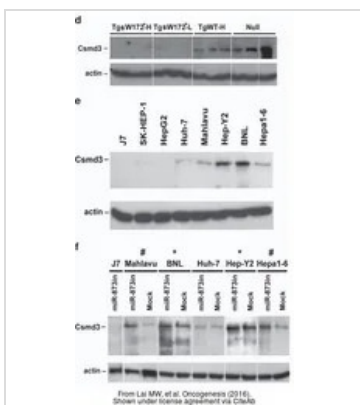
#### GTx109639 WB Image

The data was published in the journal Aging Dis in 2019.[PMID: 31164994](#)



#### GTx109639 WB Image

The data was published in the journal PLoS One in 2013.[PMID: 23691025](#)



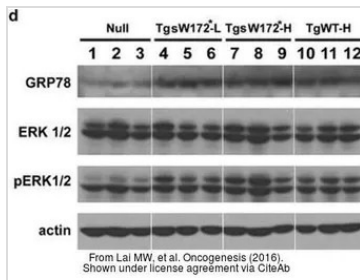
#### GTx109639 WB Image

The data was published in the journal Oncogenesis in 2016.[PMID: 27918551](#)

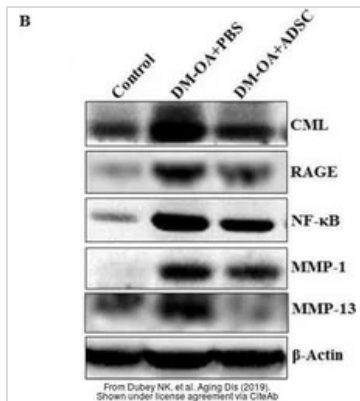


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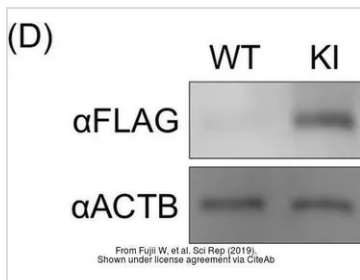



**GTx109639 WB Image**

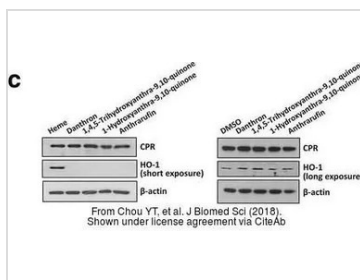
The data was published in the journal Oncogenesis in 2016. [PMID: 27918551](https://pubmed.ncbi.nlm.nih.gov/27918551/)


**GTx109639 WB Image**

The data was published in the journal Aging Dis in 2019. [PMID: 31164994](https://pubmed.ncbi.nlm.nih.gov/31164994/)


**GTx109639 WB Image**

The data was published in the journal Sci Rep in 2019. [PMID: 31501500](https://pubmed.ncbi.nlm.nih.gov/31501500/)

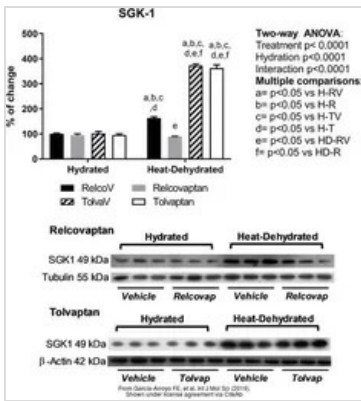

**GTx109639 WB Image**

The data was published in the journal J Biomed Sci in 2018. [PMID: 29361943](https://pubmed.ncbi.nlm.nih.gov/29361943/)



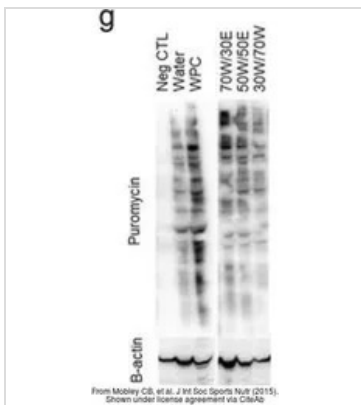
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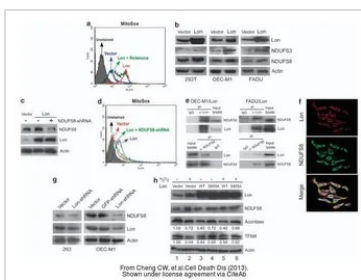
#### GTXT109639 WB Image

The data was published in the journal Int J Mol Sci in 2019. [PMID: 31744099](#)



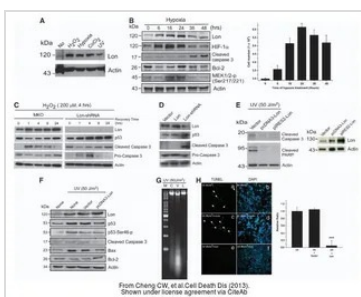
#### GTXT109639 WB Image

The data was published in the journal J Int Soc Sports Nutr in 2015. [PMID: 25792976](#)



#### GTXT109639 WB Image

The data was published in the journal Cell Death Dis in 2013. [PMID: 23788038](#)

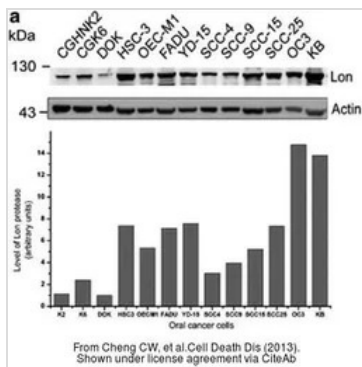


#### GTXT109639 WB Image

The data was published in the journal Cell Death Dis in 2013. [PMID: 23788038](#)

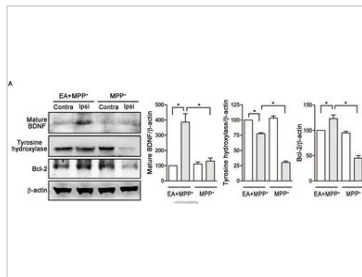


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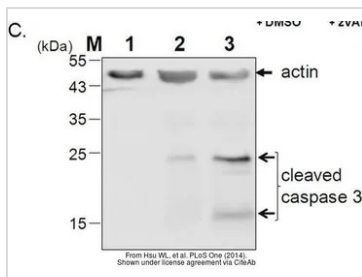
#### GTx109639 WB Image

The data was published in the journal Cell Death Dis in 2013. [PMID: 23788038](#)



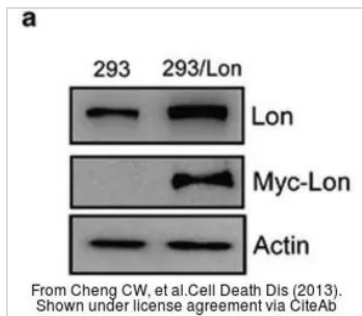
#### GTx109639 WB Image

The data was published in the journal Int J Mol Sci in 2017. [PMID: 28837077](#)



#### GTx109639 WB Image

The data was published in the journal PLoS One in 2014. [PMID: 24533157](#)

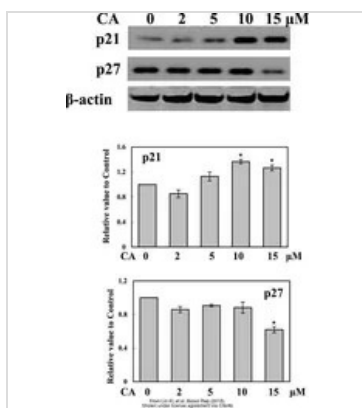


#### GTx109639 WB Image

The data was published in the journal Cell Death Dis in 2013. [PMID: 23788038](#)

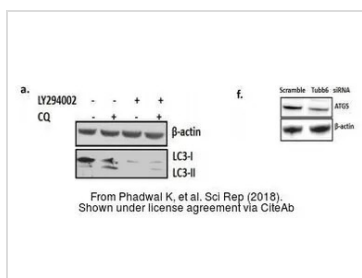


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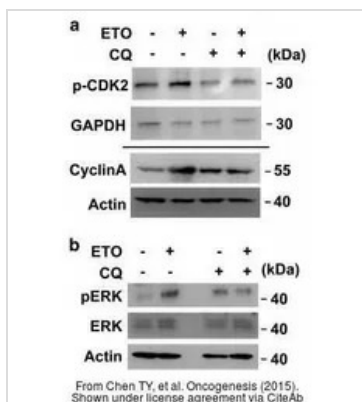
#### GTX109639 WB Image

The data was published in the journal Biosci Rep in 2018. [PMID: 29789400](#)



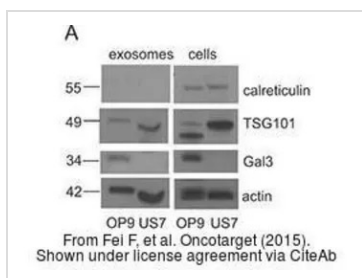
#### GTX109639 WB Image

The data was published in the journal Sci Rep in 2018. [PMID: 29968775](#)



#### GTX109639 WB Image

The data was published in the journal Oncogenesis in 2015. [PMID: 26690546](#)

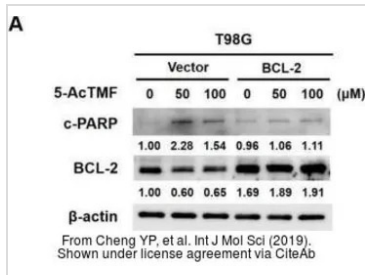


#### GTX109639 WB Image

The data was published in the journal Oncotarget in 2015. [PMID: 25869099](#)

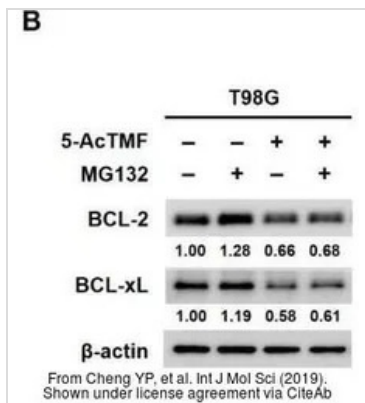


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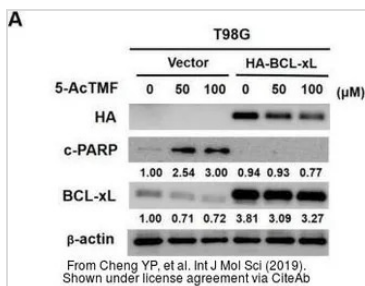
#### GTX109639 WB Image

The data was published in the journal Int J Mol Sci in 2019. [PMID: 31323961](#)



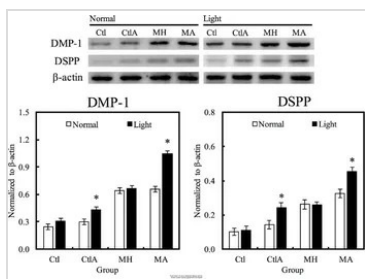
#### GTX109639 WB Image

The data was published in the journal Int J Mol Sci in 2019. [PMID: 31323961](#)



#### GTX109639 WB Image

The data was published in the journal Int J Mol Sci in 2019. [PMID: 31323961](#)

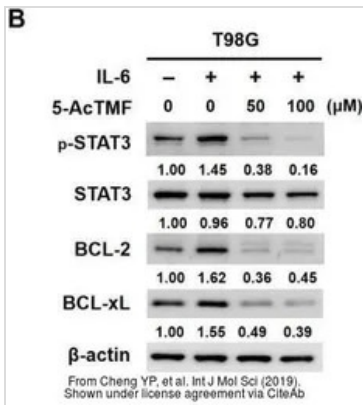


#### GTX109639 WB Image

The data was published in the journal Materials (Basel) in 2018. [PMID: 30223515](#)

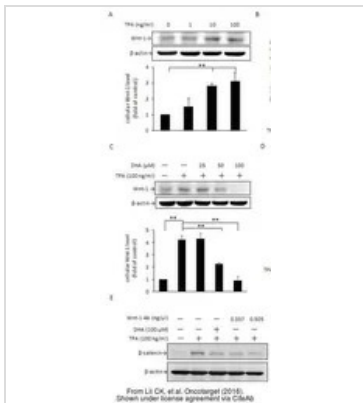


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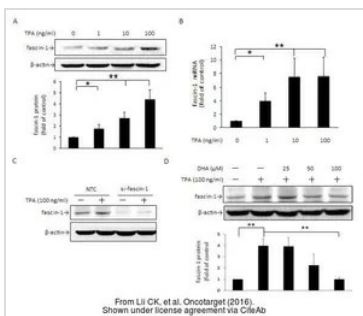
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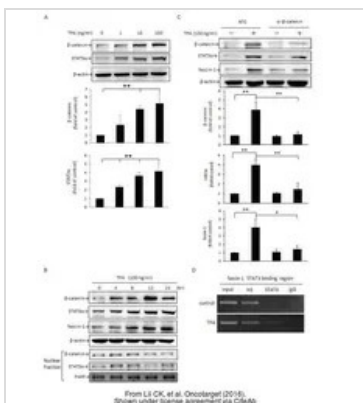
#### GTx109639 WB Image

The data was published in the journal Oncotarget in 2016. [PMID: 27036017](#)



#### GTx109639 WB Image

The data was published in the journal Oncotarget in 2016. [PMID: 27036017](#)

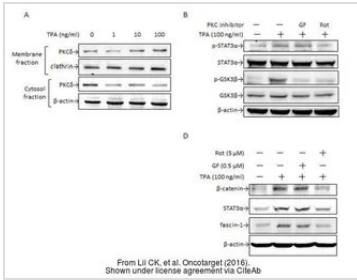


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The data was published in the journal Oncotarget in 2016. [PMID: 27036017](#)

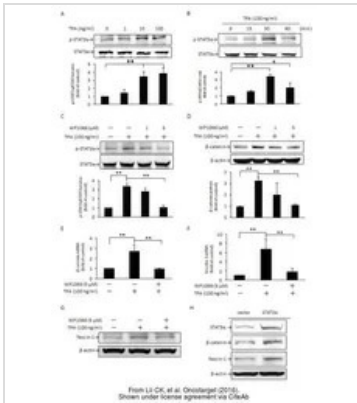


For full product information, images and publications, please visit our [website](#).



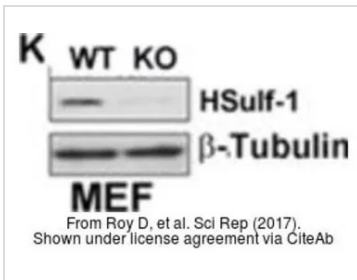
#### GTx109639 WB Image

The data was published in the journal Oncotarget in 2016. [PMID: 27036017](#)



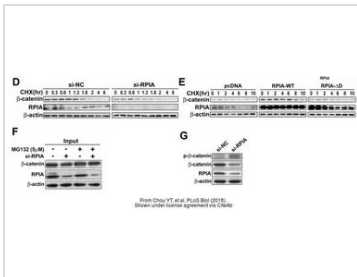
#### GTx109639 WB Image

The data was published in the journal Oncotarget in 2016. [PMID: 27036017](#)



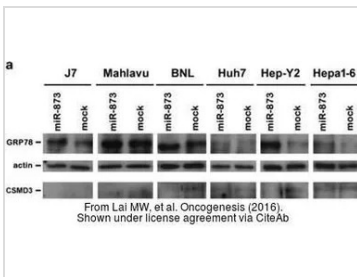
#### GTx109639 WB Image

The data was published in the journal Sci Rep in 2017. [PMID: 28169314](#)



#### GTx109639 WB Image

The data was published in the journal PLoS Biol in 2018. [PMID: 29337987](#)

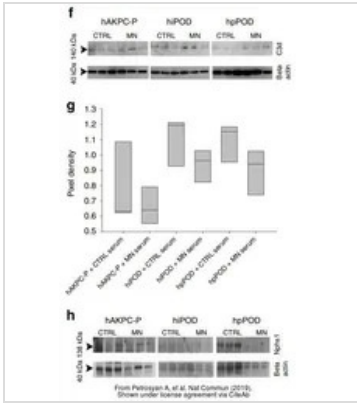


#### GTx109639 WB Image

The data was published in the journal Oncogenesis in 2016. [PMID: 27918551](#)

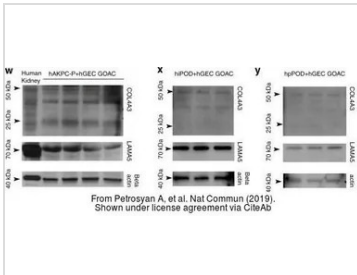


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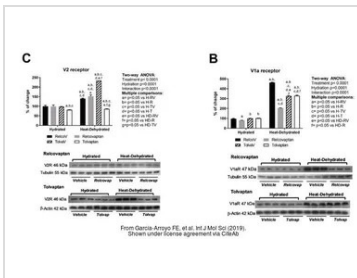
#### GTX109639 WB Image

The data was published in the journal Nat Commun in 2019.[PMID: 31409793](#)



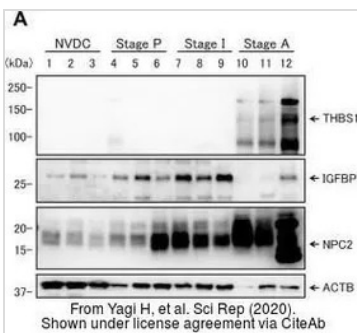
#### GTX109639 WB Image

The data was published in the journal Nat Commun in 2019.[PMID: 31409793](#)



#### GTX109639 WB Image

The data was published in the journal Int J Mol Sci in 2019.[PMID: 31744099](#)



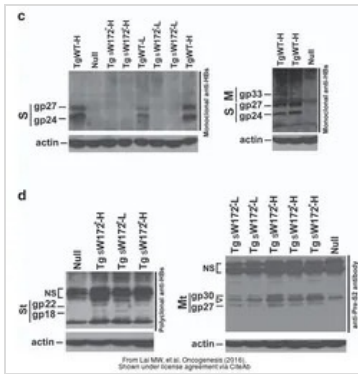
#### GTX109639 WB Image

The data was published in the journal Sci Rep in 2020.[PMID: 32286426](#)



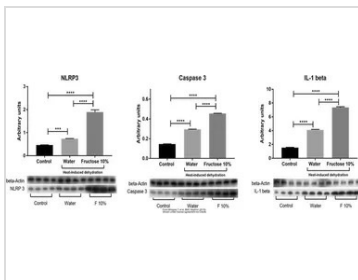
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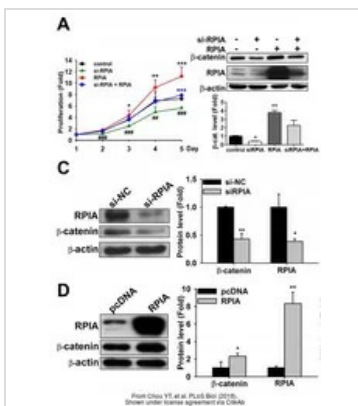
GTx109639 WB Image

The data was published in the journal Oncogenesis in 2016.[PMID: 27918551](#)



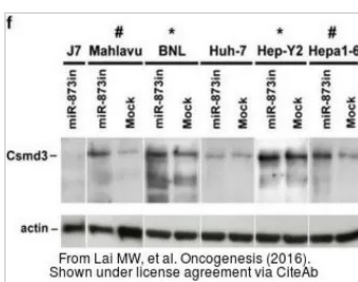
GTx109639 WB Image

The data was published in the journal BMC Nephrol in 2018.[PMID: 30005632](#)



GTx109639 WB Image

The data was published in the journal PLoS Biol in 2018.[PMID: 29337987](#)

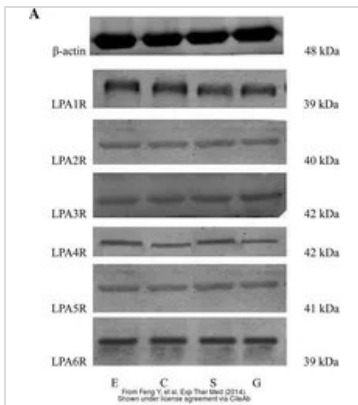


GTx109639 WB Image

The data was published in the journal Oncogenesis in 2016.[PMID: 27918551](#)

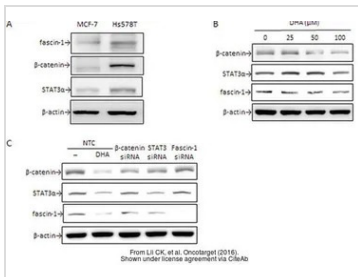


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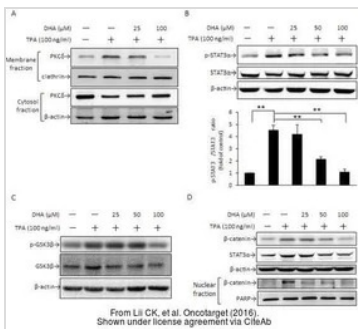
#### GTx109639 WB Image

The data was published in the journal Exp Ther Med in 2014. [PMID: 24396418](#)



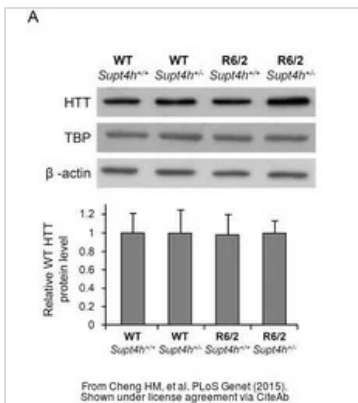
#### GTx109639 WB Image

The data was published in the journal Oncotarget in 2016. [PMID: 27036017](#)



#### GTx109639 WB Image

The data was published in the journal Oncotarget in 2016. [PMID: 27036017](#)

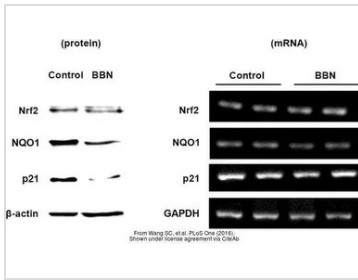


#### GTx109639 WB Image

The data was published in the journal PLoS Genet in 2015. [PMID: 25760041](#)

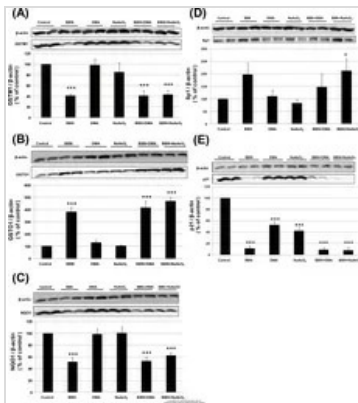


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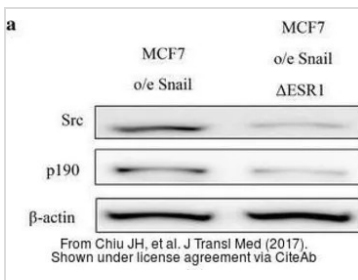
#### GTx109639 WB Image

The data was published in the journal PLoS One in 2016. [PMID: 27404495](#)



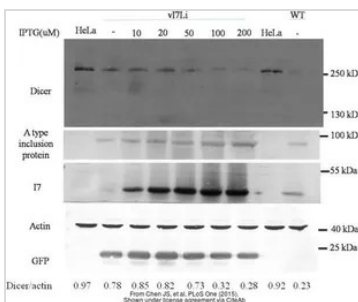
#### GTx109639 WB Image

The data was published in the journal PLoS One in 2017. [PMID: 29016672](#)



#### GTx109639 WB Image

The data was published in the journal J Transl Med in 2017. [PMID: 28472954](#)

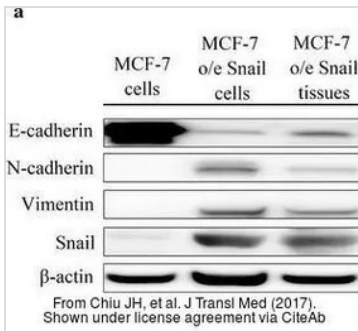


#### GTx109639 WB Image

The data was published in the journal PLoS One in 2015. [PMID: 25815818](#)

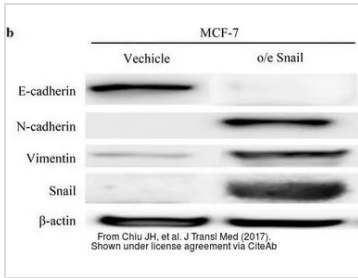


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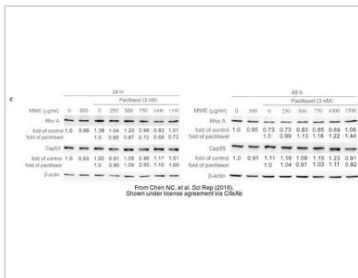
#### GTx109639 WB Image

The data was published in the journal J Transl Med in 2017. [PMID: 28472954](https://pubmed.ncbi.nlm.nih.gov/28472954/)



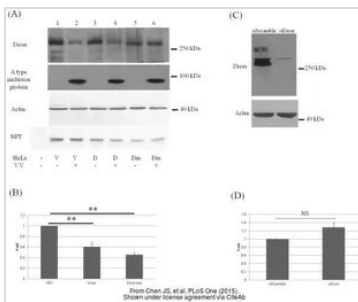
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The data was published in the journal J Transl Med in 2017. [PMID: 28472954](https://pubmed.ncbi.nlm.nih.gov/28472954/)



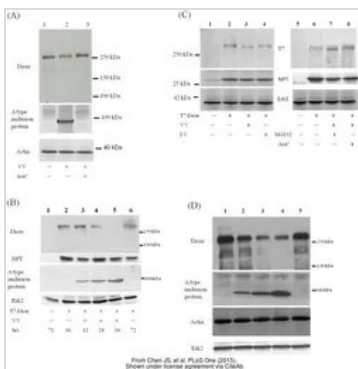
#### GTx109639 WB Image

The data was published in the journal Sci Rep in 2016. [PMID: 26838546](https://pubmed.ncbi.nlm.nih.gov/26838546/)



#### GTx109639 WB Image

The data was published in the journal PLoS One in 2015. [PMID: 25815818](https://pubmed.ncbi.nlm.nih.gov/25815818/)

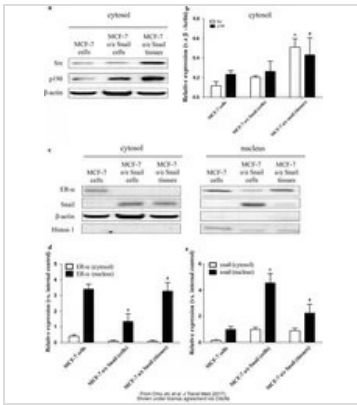


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The data was published in the journal PLoS One in 2015. [PMID: 25815818](https://pubmed.ncbi.nlm.nih.gov/25815818/)

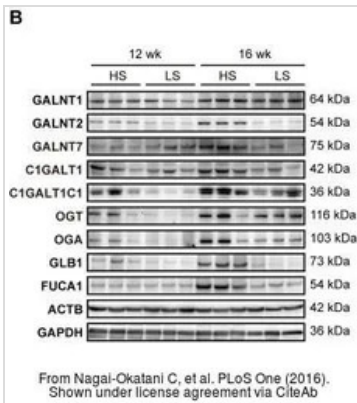


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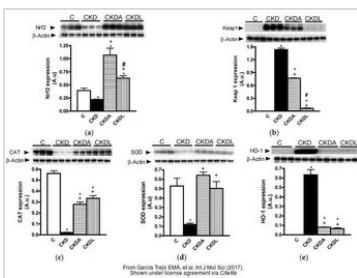
#### GTX109639 WB Image

The data was published in the journal J Transl Med in 2017. [PMID: 28472954](https://pubmed.ncbi.nlm.nih.gov/28472954/)



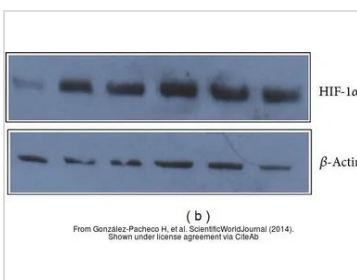
#### GTX109639 WB Image

The data was published in the journal PLoS One in 2016. [PMID: 27281159](https://pubmed.ncbi.nlm.nih.gov/27281159/)



#### GTX109639 WB Image

The data was published in the journal Int J Mol Sci in 2017. [PMID: 28926934](https://pubmed.ncbi.nlm.nih.gov/28926934/)

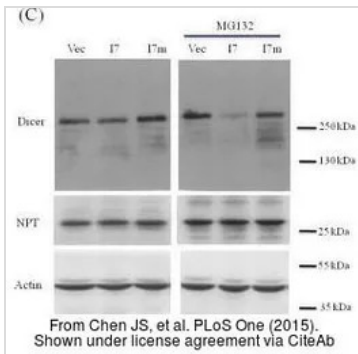


#### GTX109639 WB Image

The data was published in the journal ScientificWorldJournal in 2014. [PMID: 24578622](https://pubmed.ncbi.nlm.nih.gov/24578622/)

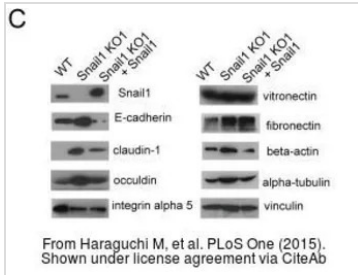


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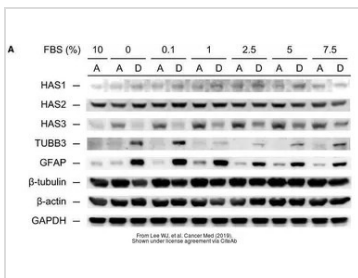
#### GTx109639 WB Image

The data was published in the journal PLoS One in 2015. [PMID: 25815818](#)



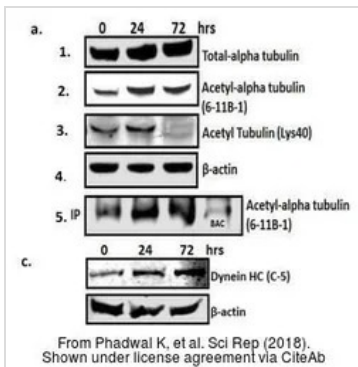
#### GTx109639 WB Image

The data was published in the journal PLoS One in 2015. [PMID: 26161782](#)



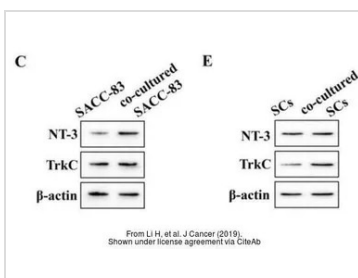
#### GTx109639 WB Image

The data was published in the journal Cancer Med in 2019. [PMID: 31274246](#)



#### GTx109639 WB Image

The data was published in the journal Sci Rep in 2018. [PMID: 29968775](#)

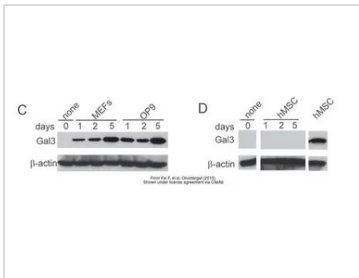


#### GTx109639 WB Image

The data was published in the journal J Cancer in 2019. [PMID: 31762816](#)

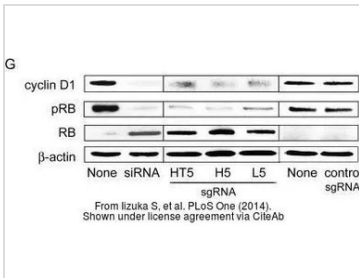


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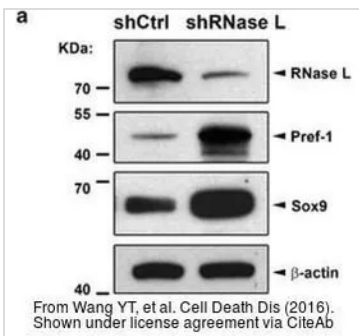
#### GTx109639 WB Image

The data was published in the journal Oncotarget in 2015. [PMID: 25869099](#)



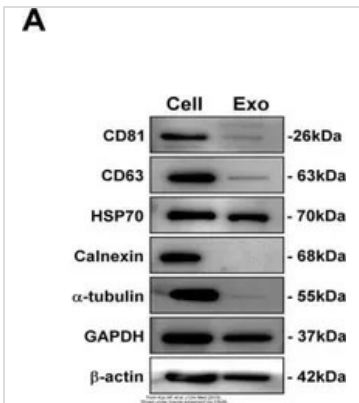
#### GTx109639 WB Image

The data was published in the journal PLoS One in 2014. [PMID: 25437003](#)



#### GTx109639 WB Image

The data was published in the journal Cell Death Dis in 2016. [PMID: 27831565](#)



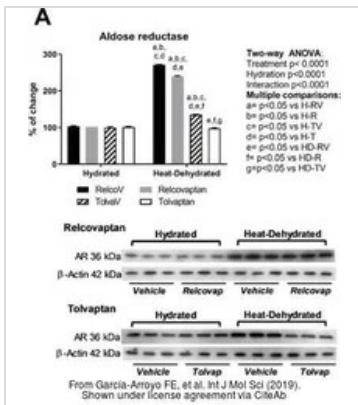
#### GTx109639 WB Image

The data was published in the journal J Clin Med in 2019. [PMID: 31167519](#)



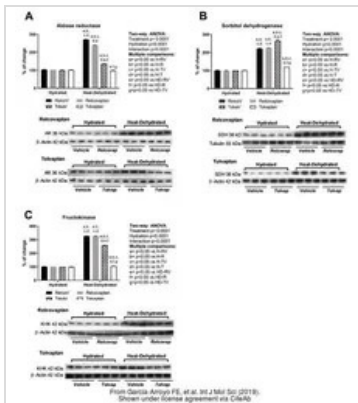
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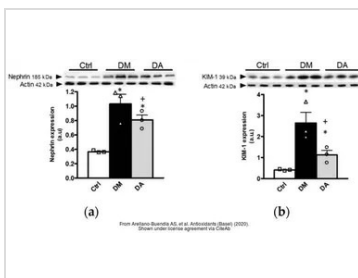
#### GTXT109639 WB Image

The data was published in the journal Int J Mol Sci in 2019. [PMID: 31744099](#)



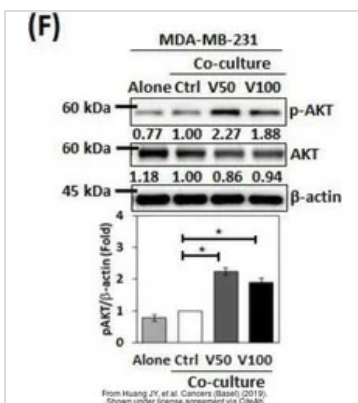
#### GTXT109639 WB Image

The data was published in the journal Int J Mol Sci in 2019. [PMID: 31744099](#)



#### GTXT109639 WB Image

The data was published in the 2020 in Antioxidants (Basel). [PMID: 33203103](#)

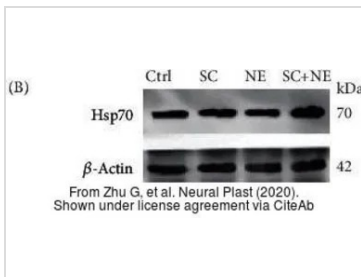


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The data was published in the 2019 in Cancers (Basel). [PMID: 31861872](#)

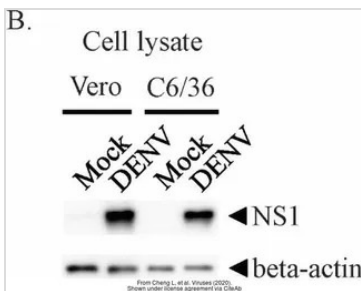


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#### GTX109639 WB Image

The data was published in the 2020 in Neural Plast. [PMID: 33082778](https://pubmed.ncbi.nlm.nih.gov/33082778/)



#### GTX109639 WB Image

The data was published in the 2020 in Viruses. [PMID: 33003584](https://pubmed.ncbi.nlm.nih.gov/33003584/)



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# ALDH2 antibody [N1C1]

**Cat. No. GTX113379**

|                    |                           |
|--------------------|---------------------------|
| <b>Host</b>        | Rabbit                    |
| <b>Clonality</b>   | Polyclonal                |
| <b>Isotype</b>     | IgG                       |
| <b>Application</b> | WB, ICC/IF, IHC-P, IHC-Wm |
| <b>Reactivity</b>  | Human, Mouse, Zebrafish   |

**Package**  
100 µl, 25 µl

## APPLICATION

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:1000-1:10000       |
| ICC/IF             | 1:100-1:1000         |
| IHC-P              | Assay dependent      |
| IHC-Wm             | Assay dependent      |

Not tested in other applications.

**Calculated MW** 56 kDa. ( [Note](#) )

## PROPERTIES

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | 0.1M Tris, 0.1M Glycine, 10% Glycerol  |
| <b>Preservative</b>  | 0.01% Thimerosal   |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 1 mg/ml (Please refer to the vial label for the specific concentration.)   |
| <b>Immunogen</b>     | Recombinant protein encompassing a sequence within the center region of human ALDH2. The exact sequence is proprietary.  |
| <b>Purification</b>  | Purified by antigen-affinity chromatography.   |
| <b>Conjugation</b>   | Unconjugated   |

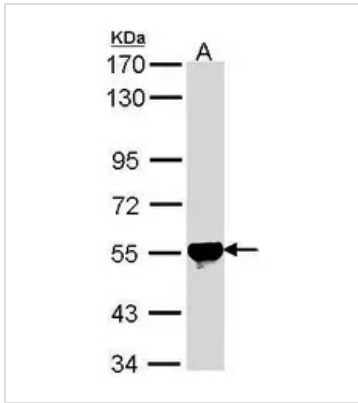


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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

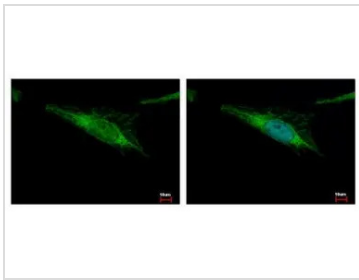
**DATA IMAGES**

**GTX113379 WB Image**

Sample (30 ug of whole cell lysate)

A: Hep G2 (GTX27900)

7.5% SDS PAGE

GTX113379 diluted at 1:1000

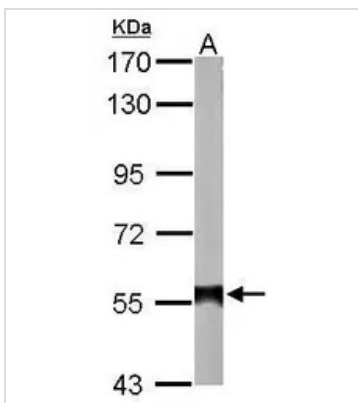

**GTX113379 ICC/IF Image**

ALDH2 antibody [N1C1] detects ALDH2 protein at mitochondria by immunofluorescent analysis.

Sample: HeLa cells were fixed in 2% paraformaldehyde/culture medium at 37°C for 30 min.

Green: ALDH2 protein stained by ALDH2 antibody [N1C1] (GTX113379) diluted at 1:500.

Blue: Hoechst 33343 staining.


**GTX113379 WB Image**

Sample (20 ug of whole cell lysate)

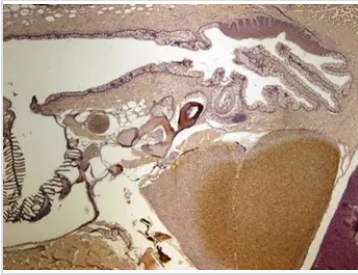
A: mouse brain

7.5% SDS PAGE

GTX113379 diluted at 1:10000

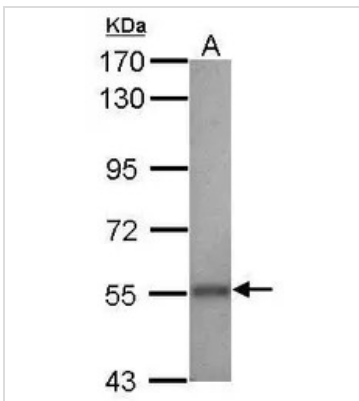


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## GTX113379 IHC-P Image

Immunohistochemical analysis of paraffin-embedded zebrafish tissue, using ALDH2 antibody [N1C1] (GTX113379) at 1:300 dilution.



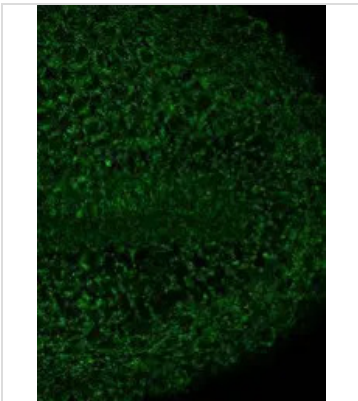
## GTX113379 WB Image

Sample (30 µg of whole cell lysate)

A: whole zebrafish

7.5% SDS PAGE

GTX113379 diluted at 1:1000



## GTX113379 IHC-Wm Image

ALDH2 antibody [N1C1] detects ALDH2 protein at mitochondria on whole-mount zebrafish embryos by immunohistochemical analysis.

Sample: Paraformaldehyde-fixed zebrafish embryos.

ALDH2 antibody [N1C1] (GTX113379) dilution: 1:200.



For full product information, images and publications, please visit our [website](https://www.genetex.com).

## Goat Anti-Rabbit IgG antibody (HRP)

Cat. No. GTX213110-01

|             |                  |
|-------------|------------------|
| Host        | Goat             |
| Clonality   | Polyclonal       |
| Isotype     | IgG              |
| Application | WB, IHC-P, ELISA |
| Reactivity  | Rabbit           |

Reference ( 501 )  
Package  
1 ml

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | Assay dependent      |
| IHC-P              | 1:100-1:1000         |
| ELISA              | Assay dependent      |

Not tested in other applications.

## PROPERTIES

|               |  |
|---------------|--|
| Form          | Liquid   |
| Buffer        | 0.05M Tris, 0.15M NaCl, 1%BSA  |
| Preservative  | 0.025% ProClin 300   |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 0.5 mg/ml (Please refer to the vial label for the specific concentration.)   |
| Immunogen     | Highly purified whole rabbit IgG   |
| Purification  | Purified by antigen-affinity chromatography.   |
| Conjugation   | Horseradish peroxidase(HRP)  |

## Note

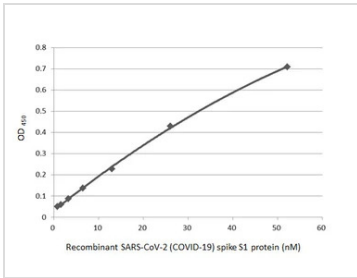
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



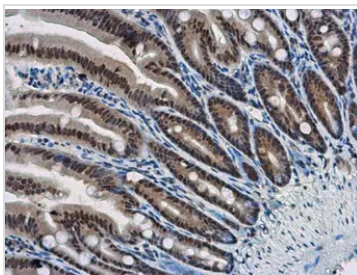
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DATA IMAGES



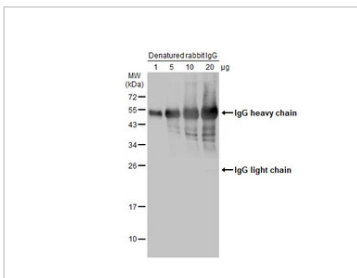
**GTX213110-01 ELISA Image**

Indirect ELISA analysis performed by coating plate with recombinant SARS-CoV-2 (COVID-19) Spike S1 protein, His tag (active) (GTX135817-pro) (52.15-0.81 nM). Coated protein was probed with SARS-CoV-2 (COVID-19) Spike S1 antibody [HL134] (GTX635671) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect bound primary antibody.



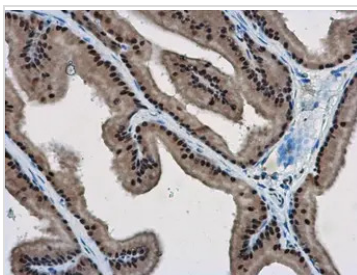
**GTX213110-01 IHC-P Image**

WBP11 antibody detects WBP11 protein at nucleus in mouse intestine by immunohistochemical analysis.  
Sample: Paraffin-embedded mouse intestine.  
WBP11 antibody (GTX118654) diluted at 1:500.  
The signal was developed by Rabbit IgG antibody (HRP) (GTX213110-01)  
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



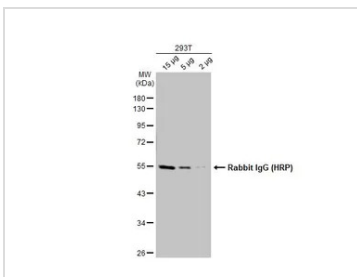
**GTX213110-01 WB Image**

Various amounts of denatured rabbit IgG protein were separated by 12% SDS-PAGE, and the membrane was blotted with HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) diluted at 1:5000.



**GTX213110-01 IHC-P Image**

WBP11 antibody detects WBP11 protein at nucleus in rat prostate by immunohistochemical analysis.  
Sample: Paraffin-embedded rat prostate.  
WBP11 antibody (GTX118654) diluted at 1:500.  
The signal was developed by Rabbit IgG antibody (HRP) (GTX213110-01).  
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



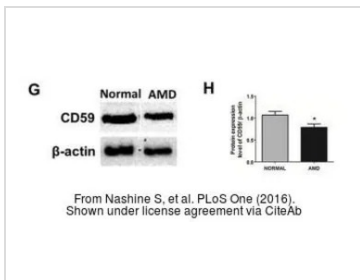
**GTX213110-01 WB Image**

Various whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with Rabbit IgG antibody (HRP) (GTX213110-01) diluted at 1:10000.



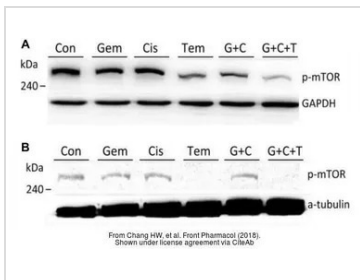
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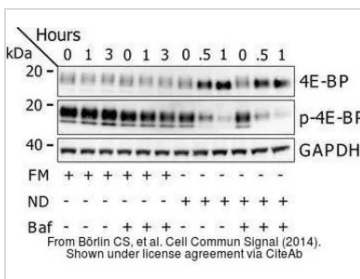
#### GTx213110-01 WB Image

The data was published in the 2016 in PLoS One. [PMID: 27486856](https://pubmed.ncbi.nlm.nih.gov/27486856/)



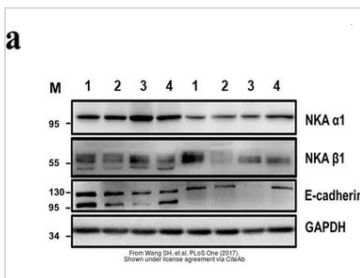
#### GTx213110-01 WB Image

The data was published in the journal Front Pharmacol in 2018. [PMID: 30087612](https://pubmed.ncbi.nlm.nih.gov/30087612/)



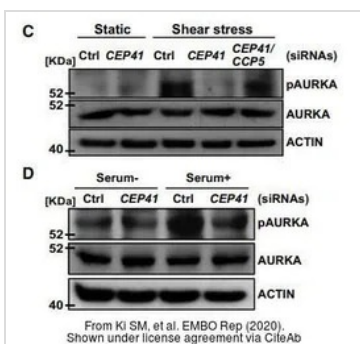
#### GTx213110-01 WB Image

The data was published in the journal Cell Commun Signal in 2014. [PMID: 25214434](https://pubmed.ncbi.nlm.nih.gov/25214434/)



#### GTx213110-01 WB Image

The data was published in the journal PLoS One in 2017. [PMID: 28832634](https://pubmed.ncbi.nlm.nih.gov/28832634/)

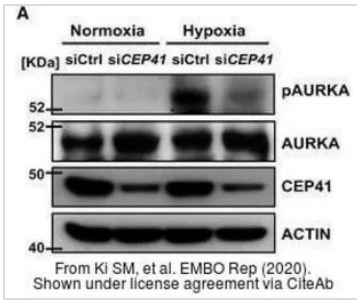


#### GTx213110-01 WB Image

The data was published in the journal EMBO Rep in 2020. [PMID: 31885126](https://pubmed.ncbi.nlm.nih.gov/31885126/)

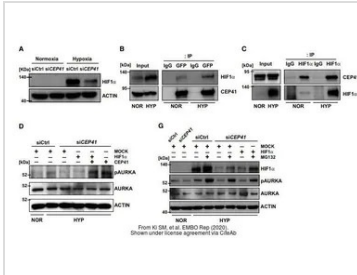


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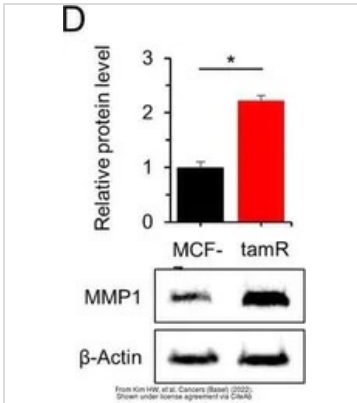
GTx213110-01 WB Image

The data was published in the journal EMBO Rep in 2020. [PMID: 31885126](#)



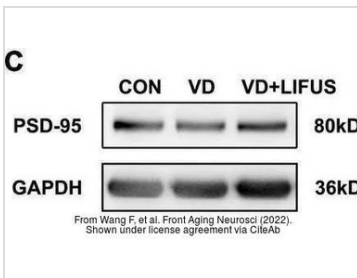
GTx213110-01 WB Image

The data was published in the journal EMBO Rep in 2020. [PMID: 31885126](#)



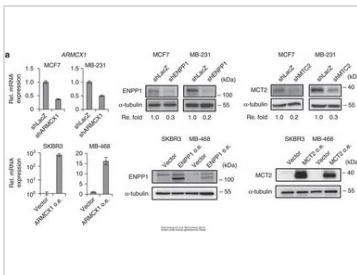
GTx213110-01 WB Image

The data was published in the 2022 in Cancers (Basel). [PMID: 35267540](#)



GTx213110-01 WB Image

The data was published in the 2022 in Front Aging Neurosci. [PMID: 35264943](#)

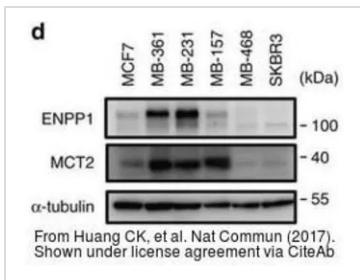


GTx213110-01 WB Image

The data was published in the 2017 in Nat Commun. [PMID: 28281525](#)

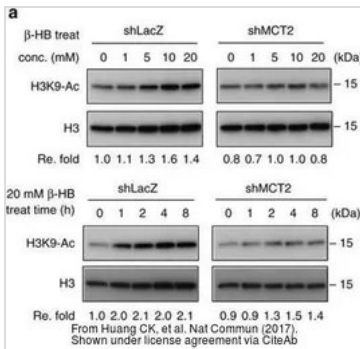


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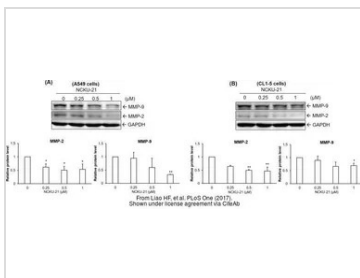
#### GTx213110-01 WB Image

The data was published in the 2017 in Nat Commun. [PMID: 28281525](#)



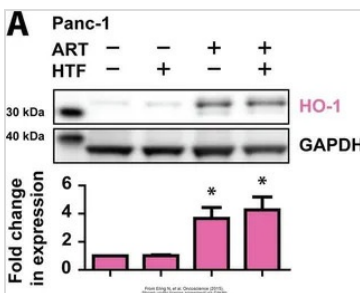
#### GTx213110-01 WB Image

The data was published in the 2017 in Nat Commun. [PMID: 28281525](#)



#### GTx213110-01 WB Image

The data was published in the journal PLoS One in 2017. [PMID: 28945763](#)



#### GTx213110-01 WB Image

The data was published in the journal Oncoscience in 2015. [PMID: 26097885](#)



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