

GTX300002

Organelle Marker Antibody Panel

Product Content

| Cat No | Product Name | Reactivity | Applications | Package |
|--------------|-------------------------------------|--|---------------------------|---------|
| GTX108749 | RPA70 antibody [C1C3] | Human, Mouse | WB, ICC/IF, IHC-P, IP | 25 µl |
| GTX113379 | ALDH2 antibody [N1C1] | Human, Mouse, Zebrafish | WB, ICC/IF, IHC-P, IHC-Wm | 25 µl |
| GTX213110-01 | Goat Anti-Rabbit IgG antibody (HRP) | Rabbit | WB, IHC-P, ELISA | 25 µl |
| GTX637675 | beta Actin antibody [HL1926] | Human, Mouse, Rat, Zebrafish, Rabbit, Drosophila, Cat, Dog, African green monkey | WB, ICC/IF, IHC-P | 25 µl |
| GTX637858 | PCNA antibody [HL1965] | Human, Mouse, Rat, Zebrafish, Cat, Dog, Japanese Medaka | WB, IHC-P, IHC-Fr, IHC-Wm | 25 µl |
| GTX640663 | EGFR antibody [HL3153] | Human | WB | 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](#).

RPA70 antibody [C1C3]

Cat. No. GTX108749

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

References (3)

★★★★★ Review (1)

Package

100 µl, 25 µl

Applications

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](#))**Product Note** KO/KD validation is based on customer review data.

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 | 0.4 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant protein encompassing a sequence within the C-terminus region of human RPA70. The exact sequence is proprietary. |
| Purification | Purified by antigen-affinity chromatography. |
| Conjugation | Unconjugated |



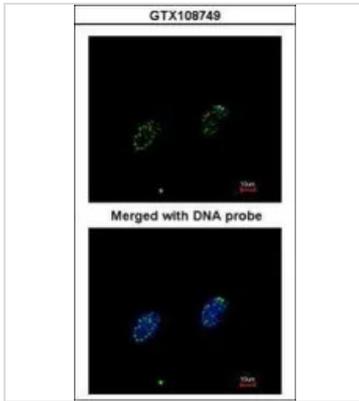
For full product information, images and publications, please visit our [website](#).

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

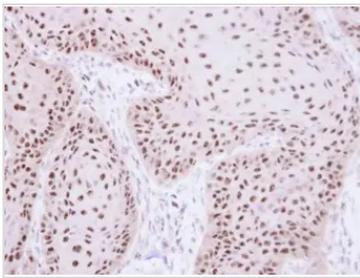
Note

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

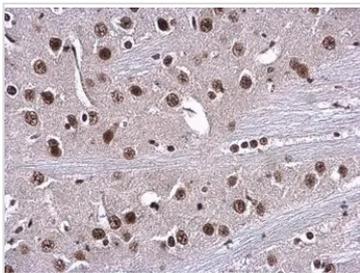
**GTX108749 ICC/IF Image**

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.

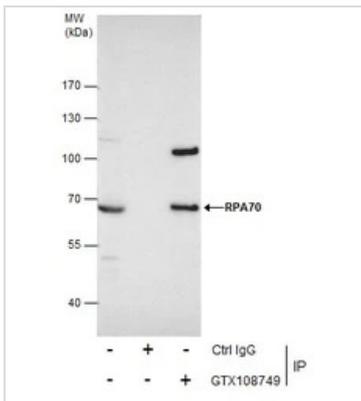
Sample: Paraffin-embedded mouse brain.

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](#).

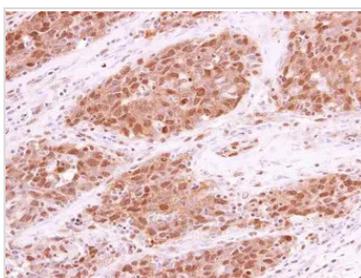


GTX108749 IP Image

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.



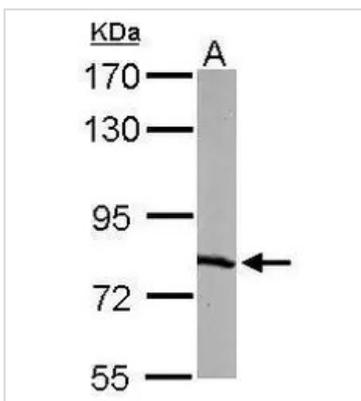
GTX108749 IHC-P Image

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

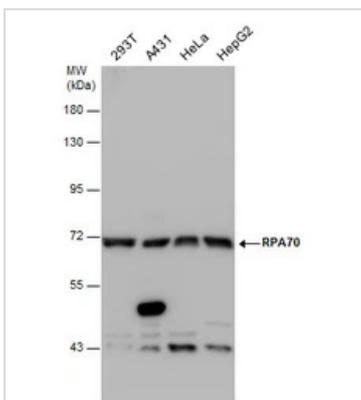
Sample (50 µg of whole cell lysate)

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](http://www.genetex.com).

ALDH2 antibody [N1C1]

Cat. No. GTX113379

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

Package
100 µl, 25 µl

Applications

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

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | 0.1M Tris, 0.1M Glycine, 10% Glycerol |
| Preservative | 0.01% Thimerosal |
| 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 | 1 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant protein encompassing a sequence within the center region of human ALDH2. The exact sequence is proprietary. |
| Purification | Purified by antigen-affinity chromatography. |
| Conjugation | Unconjugated |



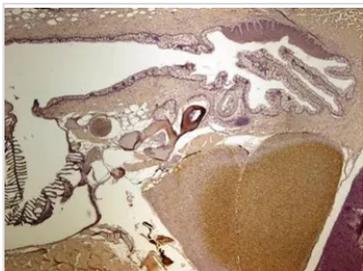
For full product information, images and publications, please visit our [website](#).

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

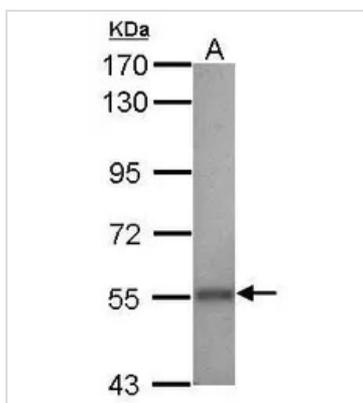
Note

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 IHC-P Image**

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

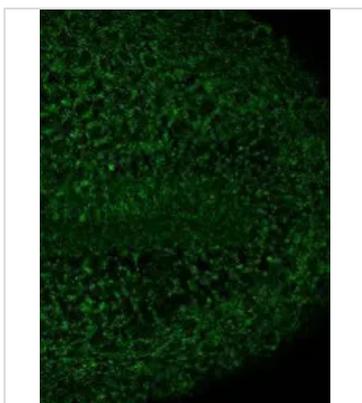
**GTX113379 WB Image**

Sample (30 µg of whole cell lysate)

A: whole zebrafish

7.5% SDS PAGE

GTX113379 diluted at 1:1000

**GTX113379 IHC-Wm Image**

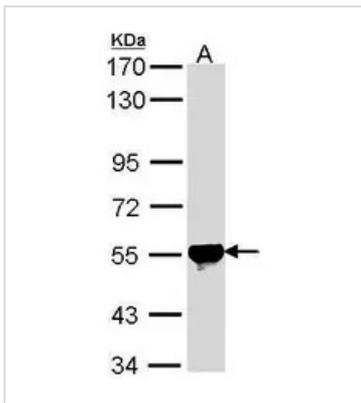
ALDH2 antibody [N1C1] detects ALDH2 protein at mitochondria on whole-mount zebrafish embryos by immunohistochemical analysis.

Sample: Paraformaldehyde-fixed zebrafish embryos.

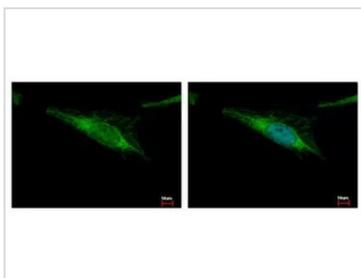
ALDH2 antibody [N1C1] (GTX113379) dilution: 1:200.



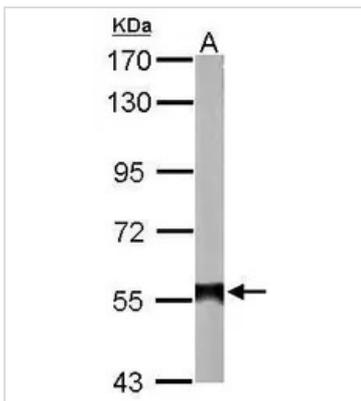
For full product information, images and publications, please visit our [website](#).


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



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

Goat Anti-Rabbit IgG antibody (HRP)

Cat. No. GTX213110-01

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

References (631)

Package

1 ml

Applications

Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:5000-1:20000 |
| IHC-P | 1:100-1:1000 |
| ELISA | 1:5000-1:20000 |

Not tested in other applications.

Properties

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | 0.05M Tris, 0.15M NaCl |
| 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 | 0.2 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) |

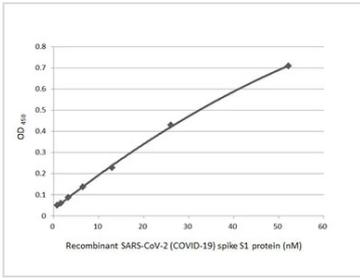
Note

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.

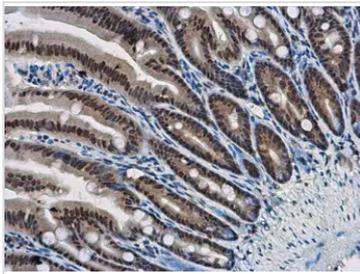
For full product information, images and publications, please visit our [website](#).

DATA IMAGES



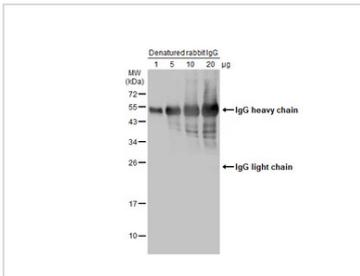
GTX213110-01 ELISA Image

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.



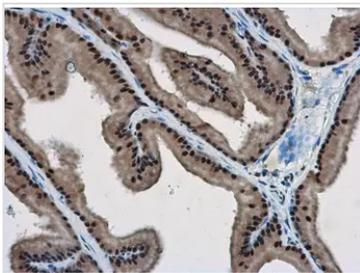
GTX213110-01 IHC-P Image

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



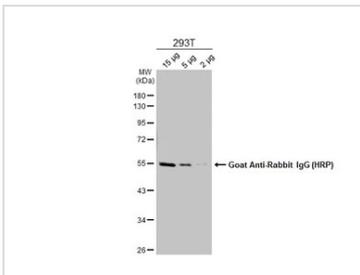
GTX213110-01 WB Image

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

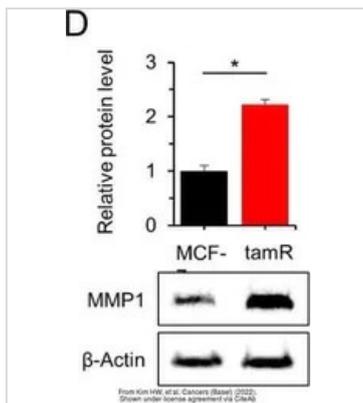


GTX213110-01 WB Image

Various whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody (GTX112141) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

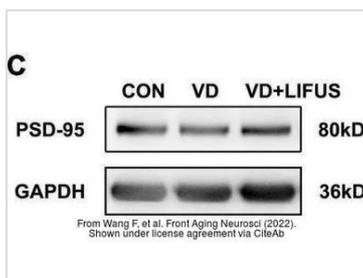


For full product information, images and publications, please visit our [website](#).



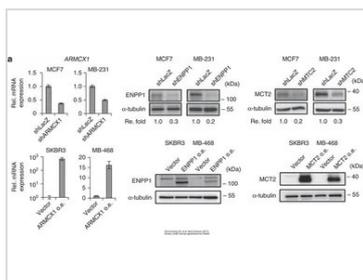
GTX213110-01 WB Image

The data was published in the 2022 in Cancers (Basel). [PMID: 35267540](https://pubmed.ncbi.nlm.nih.gov/35267540/)



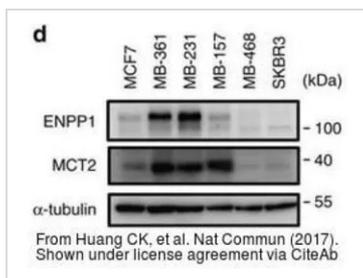
GTX213110-01 WB Image

The data was published in the 2022 in Front Aging Neurosci. [PMID: 35264943](https://pubmed.ncbi.nlm.nih.gov/35264943/)



GTX213110-01 WB Image

The data was published in the 2017 in Nat Commun. [PMID: 28281525](https://pubmed.ncbi.nlm.nih.gov/28281525/)

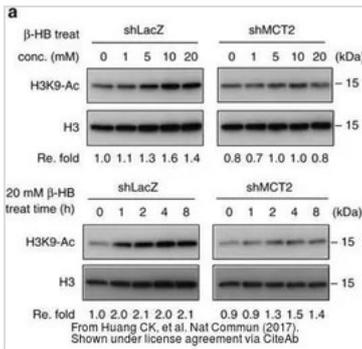


GTX213110-01 WB Image

The data was published in the 2017 in Nat Commun. [PMID: 28281525](https://pubmed.ncbi.nlm.nih.gov/28281525/)

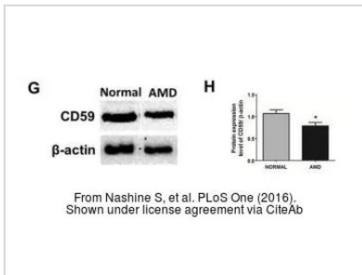


For full product information, images and publications, please visit our [website](https://www.genetex.com).



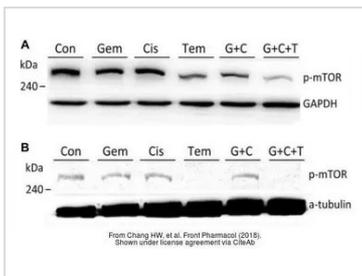
GTx213110-01 WB Image

The data was published in the 2017 in Nat Commun. [PMID: 28281525](https://pubmed.ncbi.nlm.nih.gov/28281525/)



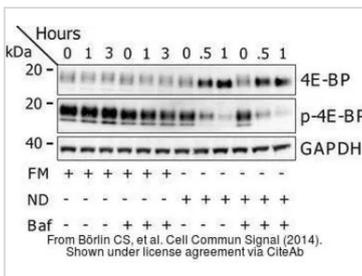
GTx213110-01 WB Image

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



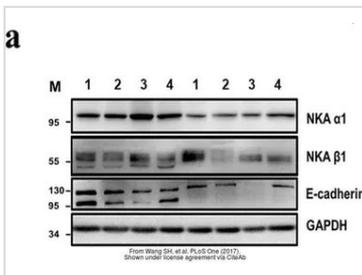
GTx213110-01 WB Image

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/)

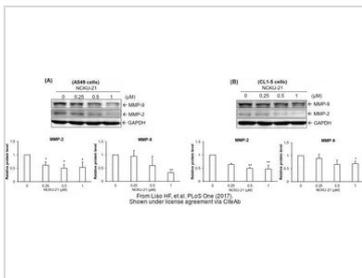


GTx213110-01 WB Image

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

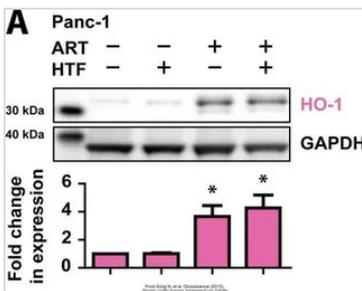


For full product information, images and publications, please visit our [website](http://www.genetex.com).



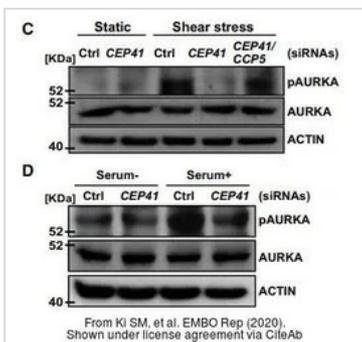
GTX213110-01 WB Image

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



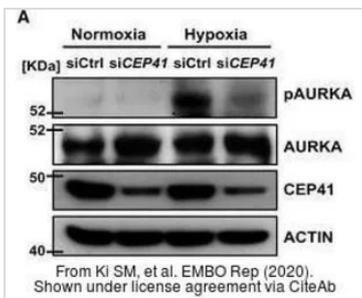
GTX213110-01 WB Image

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



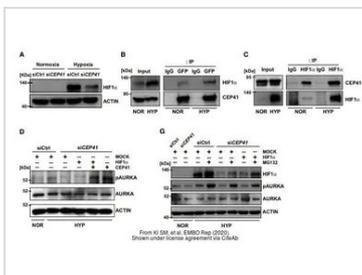
GTX213110-01 WB Image

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 journal EMBO Rep in 2020. [PMID: 31885126](#)



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

beta Actin antibody [HL1926]

Cat. No. GTX637675

| | |
|---------------------|--|
| Host | Rabbit |
| Clonality | Monoclonal |
| Isotype | IgG |
| Applications | WB, ICC/IF, IHC-P |
| Reactivity | Human, Mouse, Rat, Zebrafish, Rabbit, Drosophila, Cat, Dog, African green monkey |

References (10)

★★★★☆ Review (5)

Package

100 µl, 25 µl

Applications

Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:5000-1:50000 |
| ICC/IF | Assay dependent |
| IHC-P | Assay dependent |

Not tested in other applications.

Observed MW (kDa) 45 kDa.

Properties

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | PBS |
| Preservative | No preservatives |
| 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 | 1 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant fragment of human beta Actin |
| Purification | Affinity purified by Protein A. |
| Conjugation | Unconjugated |

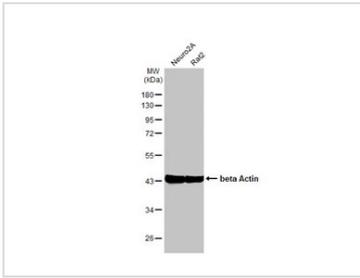
Note

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.

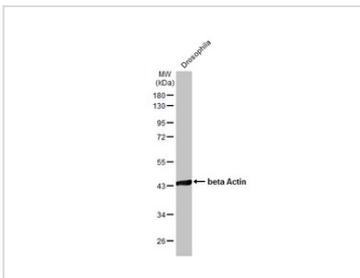
For full product information, images and publications, please visit our [website](#).

DATA IMAGES



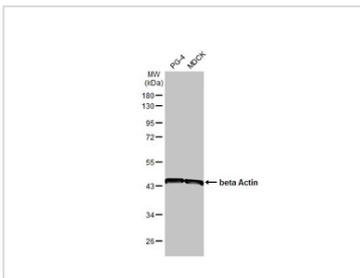
GTX637675 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with beta Actin antibody [HL1926] (GTX637675) diluted at 1:50000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



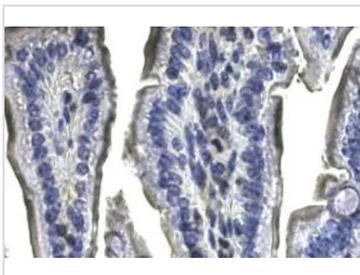
GTX637675 WB Image

Whole cell extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with beta Actin antibody [HL1926] (GTX637675) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX637675 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with beta Actin antibody [HL1926] (GTX637675) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



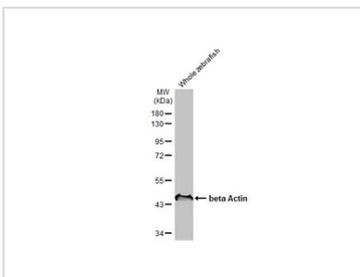
GTX637675 IHC-P Image

beta Actin antibody [HL1926] detects beta Actin protein at cell membrane by immunohistochemical analysis.

Sample: Paraffin-embedded mouse intestine.

beta Actin stained by beta Actin antibody [HL1926] (GTX637675) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

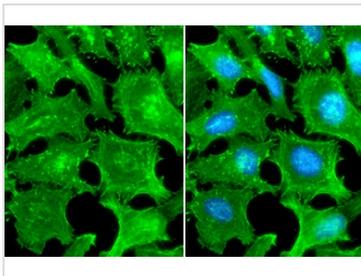


GTX637675 WB Image

Whole cell extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with beta Actin antibody [HL1926] (GTX637675) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

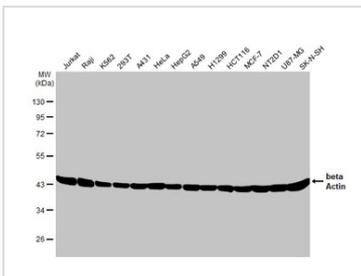


For full product information, images and publications, please visit our [website](#).



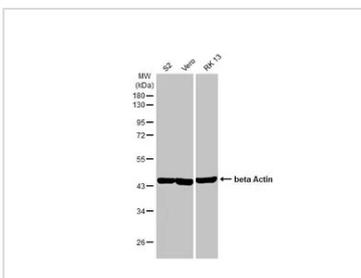
GTX637675 ICC/IF Image

beta Actin antibody [HL1926] detects beta Actin protein by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 10 min. Green: beta Actin stained by beta Actin antibody [HL1926] (GTX637675) diluted at 1:500. Blue: Fluoroshield with DAPI (GTX30920).



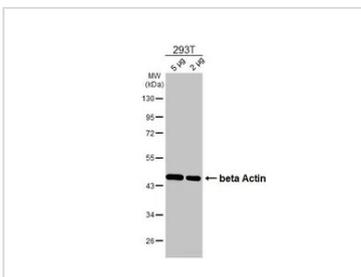
GTX637675 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with beta Actin antibody [HL1926] (GTX637675) diluted at 1:50000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX637675 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membranes were blotted with beta Actin antibody [HL1926] (GTX637675) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX637675 WB Image

Various whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with beta Actin antibody [HL1926] (GTX637675) diluted at 1:100000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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

PCNA antibody [HL1965]

Cat. No. GTX637858

| | |
|---------------------|---|
| Host | Rabbit |
| Clonality | Monoclonal |
| Isotype | IgG |
| Applications | WB, IHC-P, IHC-Fr, IHC-Wm |
| Reactivity | Human, Mouse, Rat, Zebrafish, Cat, Dog, Japanese Medaka |

Package
100 µl, 25 µl

Applications

Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:500-1:3000 |
| IHC-P | Assay dependent |
| IHC-Fr | Assay dependent |
| IHC-Wm | Assay dependent |

Not tested in other applications.

Observed MW (kDa) 36 kDa.

Product Note Highly recommended for IHC-P in mouse tissues.

Properties

Form Liquid

Buffer PBS

Preservative No preservatives

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 1 mg/ml (Please refer to the vial label for the specific concentration.)

Immunogen Recombinant fragment of human PCNA

Purification Affinity purified by Protein A.

Conjugation Unconjugated



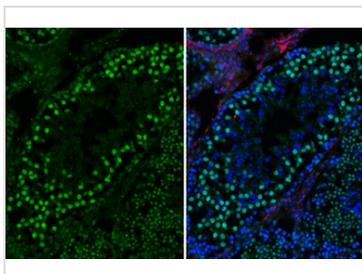
For full product information, images and publications, please visit our [website](#).

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



GTX637858 IHC-Fr Image

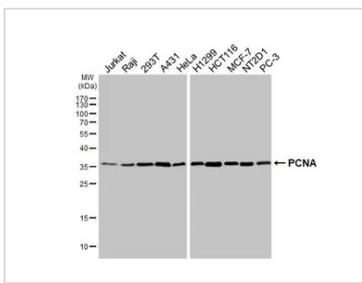
PCNA antibody [HL1965] detects PCNA protein by immunohistochemical analysis.

Sample: Frozen-sectioned mouse testis.

Green: PCNA stained by PCNA antibody [HL1965] (GTX637858) diluted at 1:200.

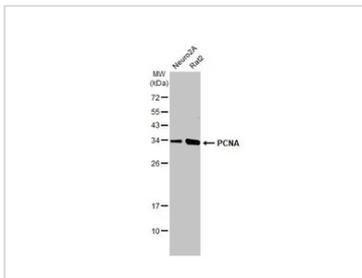
Red: Vimentin antibody [GT812] (GTX629744) diluted at 1:1000.

Blue: Hoechst 33342 staining.



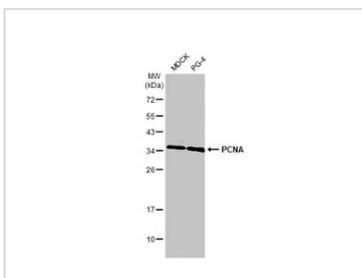
GTX637858 WB Image

Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with PCNA antibody [HL1965] (GTX637858) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX637858 WB Image

Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with PCNA antibody [HL1965] (GTX637858) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

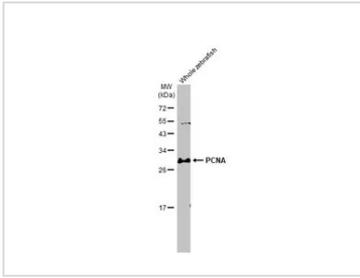


GTX637858 WB Image

Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with PCNA antibody [HL1965] (GTX637858) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

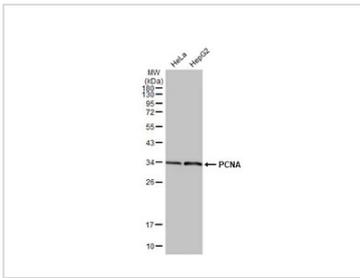


For full product information, images and publications, please visit our [website](http://www.genetex.com).



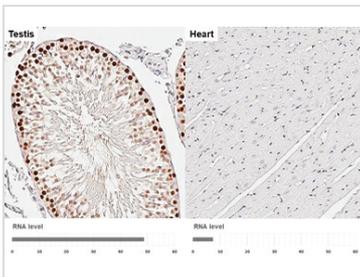
GTX637858 WB Image

Whole zebrafish extract (30 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with PCNA antibody [HL1965] (GTX637858) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX637858 WB Image

Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with PCNA antibody [HL1965] (GTX637858) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



GTX637858 IHC-P Image

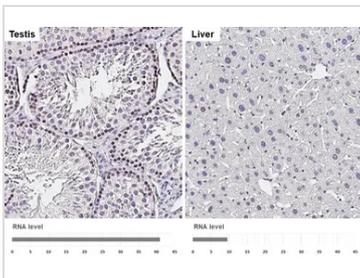
PCNA antibody [HL1965] detects PCNA protein by immunohistochemical analysis.

Sample: Paraffin-embedded rat tissues.

PCNA stained by PCNA antibody [HL1965] (GTX637858) diluted at 1:15000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

Corresponding RNA levels (RPKM) in the tissues are based on NCBI database.



GTX637858 IHC-P Image

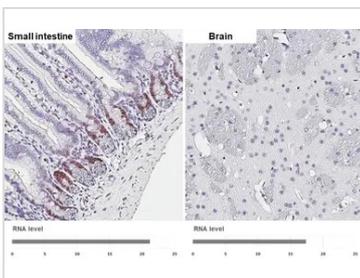
PCNA antibody [HL1965] detects PCNA protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse tissues.

PCNA stained by PCNA antibody [HL1965] (GTX637858) diluted at 1:400000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

Corresponding RNA levels (RPKM) in the tissues are based on NCBI database.



GTX637858 IHC-P Image

PCNA antibody [HL1965] detects PCNA protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse tissues.

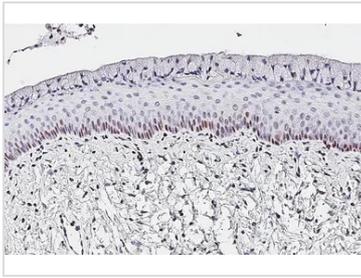
PCNA stained by PCNA antibody [HL1965] (GTX637858) diluted at 1:400000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

Corresponding RNA levels (RPKM) in the tissues are based on NCBI database.

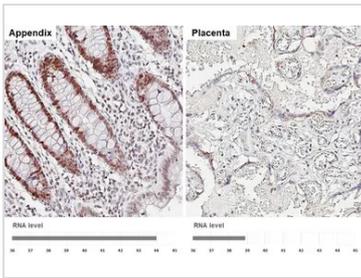


For full product information, images and publications, please visit our [website](#).



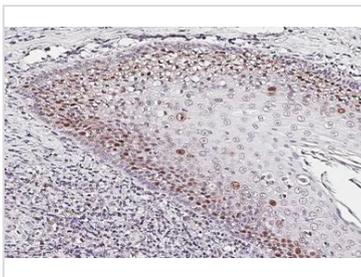
GTX637858 IHC-P Image

PCNA antibody [HL1965] detects PCNA protein by immunohistochemical analysis.
 Sample: Paraffin-embedded mouse uterus.
 PCNA stained by PCNA antibody [HL1965] (GTX637858) diluted at 1:400000.
 Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



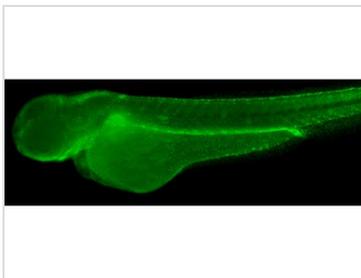
GTX637858 IHC-P Image

PCNA antibody [HL1965] detects PCNA protein by immunohistochemical analysis.
 Sample: Paraffin-embedded human tissues.
 PCNA stained by PCNA antibody [HL1965] (GTX637858) diluted at 1:200000.
 Antigen Retrieval: Citrate buffer, pH 6.0, 15 min
 Corresponding RNA levels (RPKM) in the tissues are based on NCBI database.



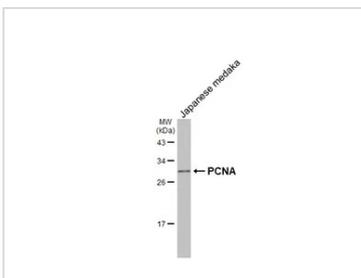
GTX637858 IHC-P Image

PCNA antibody [HL1965] detects PCNA protein by immunohistochemical analysis.
 Sample: Paraffin-embedded human tonsil.
 PCNA stained by PCNA antibody [HL1965] (GTX637858) diluted at 1:200000.
 Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX637858 IHC-Wm Image

PCNA antibody [HL1965] detects PCNA protein by immunohistochemical analysis.
 Sample: Paraformaldehyde-fixed 2 days-post-fertilization zebrafish embryo.
 Green: PCNA stained by PCNA antibody [HL1965] (GTX637858) diluted at 1:1000.
 Antigen Retrieval: Tris-HCl buffer, pH 9.0, 20 min at 70°C



GTX637858 WB Image

Whole Japanese medaka extract (30 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with PCNA antibody [HL1965] (GTX637858) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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

EGFR antibody [HL3153]

Cat. No. GTX640663

| | |
|---------------------|------------|
| Host | Rabbit |
| Clonality | Monoclonal |
| Isotype | IgG |
| Applications | WB |
| Reactivity | Human |

Package
100 µl, 25 µl

Applications

Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
|--------------------|----------------------|

| | |
|----|--------------|
| WB | 1:500-1:3000 |
|----|--------------|

Not tested in other applications.

| | |
|--------------------------|----------|
| Observed MW (kDa) | 175 kDa. |
|--------------------------|----------|

| | |
|---------------------|---|
| Product Note | This antibody is specific for human EGFR protein, and it does not cross react with human ERBB2 protein. |
|---------------------|---|

Properties

| | |
|-------------|--------|
| Form | Liquid |
|-------------|--------|

| | |
|---------------|-----|
| Buffer | PBS |
|---------------|-----|

| | |
|---------------------|------------------|
| Preservative | No preservatives |
|---------------------|------------------|

| | |
|----------------|--|
| 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 | 1 mg/ml (Please refer to the vial label for the specific concentration.) |
|----------------------|--|

| | |
|------------------|---|
| Immunogen | Recombinant protein encompassing a sequence within the Extracellular domain of human EGFR. The exact sequence is proprietary. |
|------------------|---|

| | |
|---------------------|---------------------------------|
| Purification | Affinity purified by Protein A. |
|---------------------|---------------------------------|

| | |
|--------------------|--------------|
| Conjugation | Unconjugated |
|--------------------|--------------|

Note

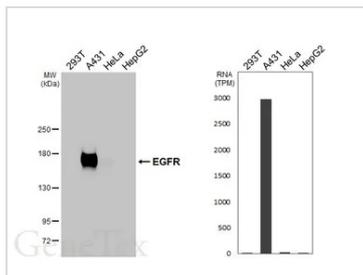
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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.



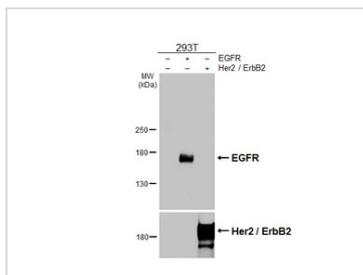
For full product information, images and publications, please visit our [website](#).

DATA IMAGES



GTX640663 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with EGFR antibody [HL3153] (GTX640663) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



GTX640663 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts were separated by 5% SDS-PAGE, and the membrane was blotted with EGFR antibody [HL3153] (GTX640663) and Her2 / ErbB2 antibody (GTX100509) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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