

# 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**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, IP
<b>Reactivity</b>	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

<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

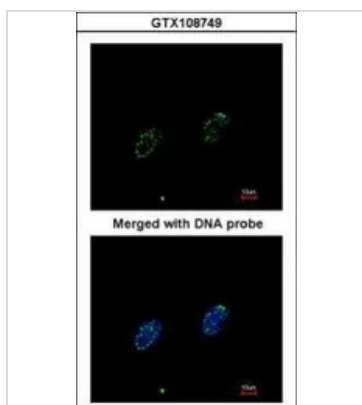
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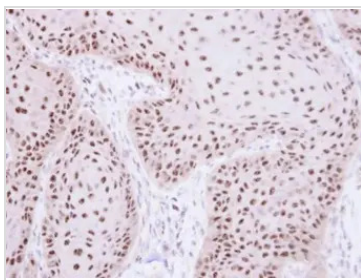
**Note**

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## DATA IMAGES

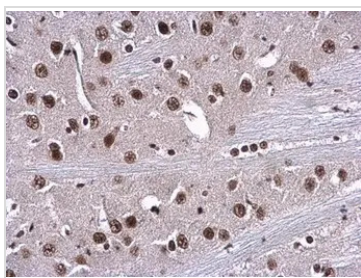
**GTX108749 ICC/IF Image**

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.

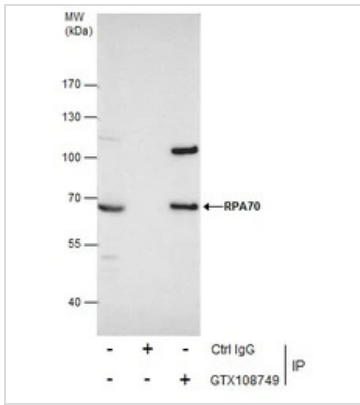
Sample: Paraffin-embedded mouse brain.

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

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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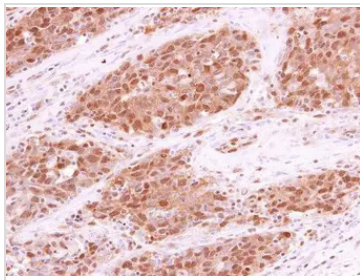


**GTX108749 IP Image**

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.



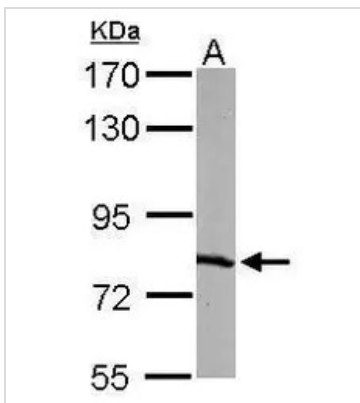
**GTX108749 IHC-P Image**

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**

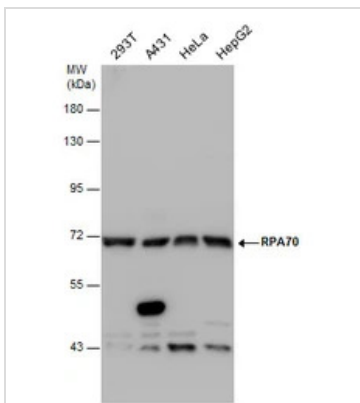
Sample (50 µg of whole cell lysate)

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.



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## ALDH2 antibody [N1C1]

**Cat. No. GTX113379**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, IHC-Wm
<b>Reactivity</b>	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

<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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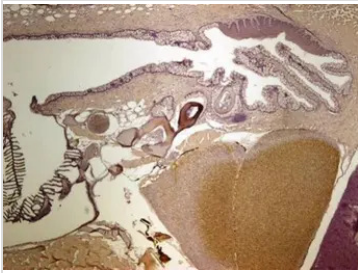
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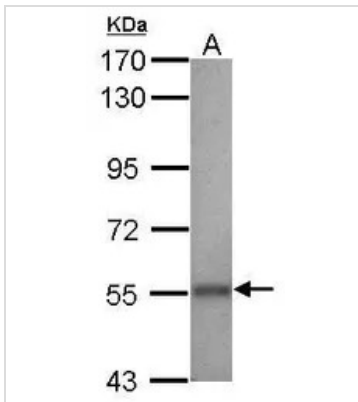
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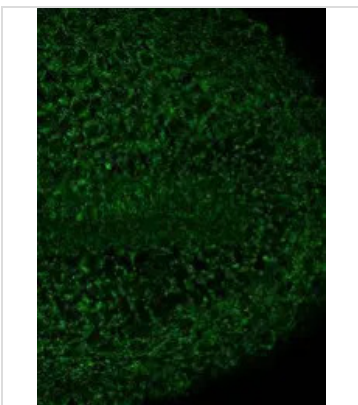
## DATA IMAGES

**GTX113379 IHC-P Image**

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

**GTX113379 WB Image**

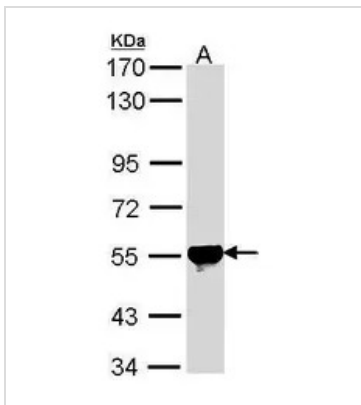
Sample (30 µg of whole cell lysate)  
A: whole zebrafish  
7.5% SDS PAGE  
GTX113379 diluted at 1:1000

**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.

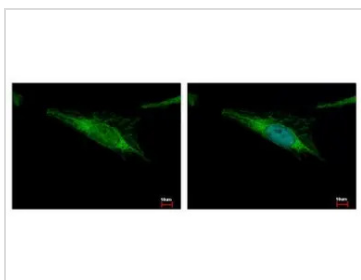


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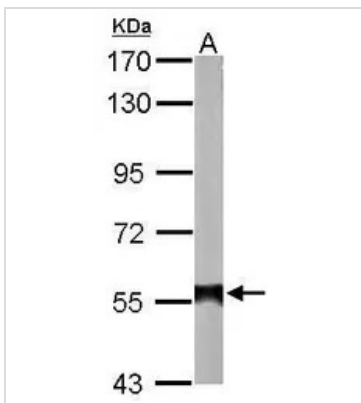
**GTX113379 WB Image**

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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## Goat Anti-Rabbit IgG antibody (HRP)

**Cat. No. GTX213110-01**

<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, IHC-P, ELISA
<b>Reactivity</b>	Rabbit

References ( 638 )

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

<b>Form</b>	Liquid
<b>Buffer</b>	0.05M Tris, 0.15M NaCl
<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>	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Highly purified whole rabbit IgG
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Horseradish peroxidase(HRP)

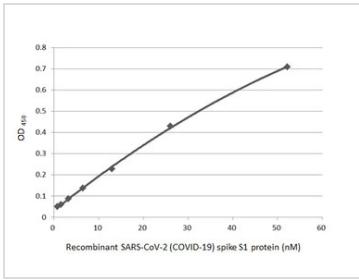
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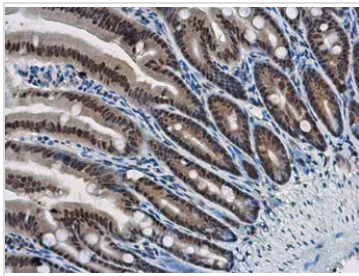
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DATA IMAGES



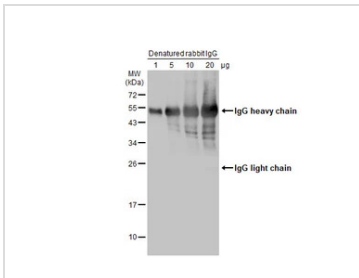
**GTX213110-01 ELISA Image**

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.



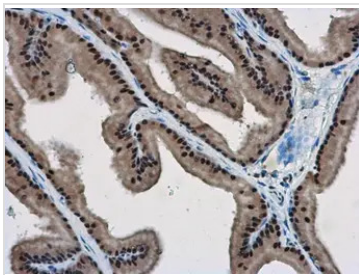
**GTX213110-01 IHC-P Image**

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



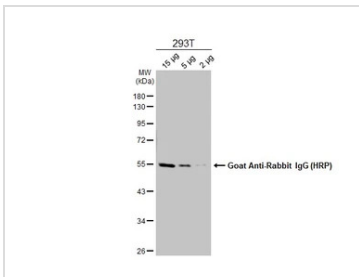
**GTX213110-01 WB Image**

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

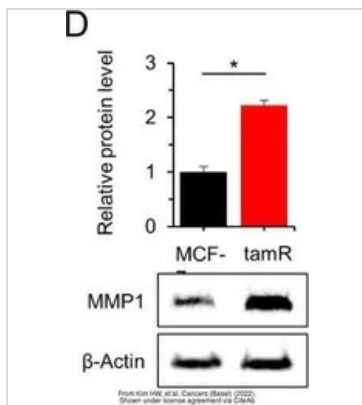


**GTX213110-01 WB Image**

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

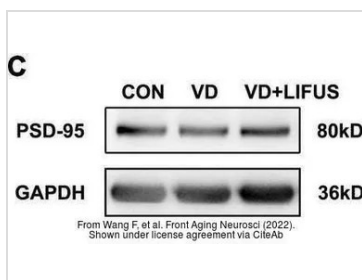


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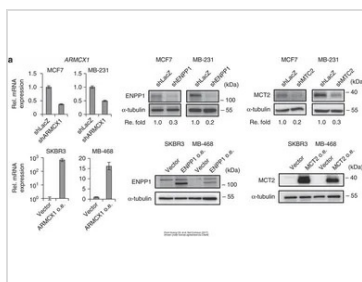
**GTx213110-01 WB Image**

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



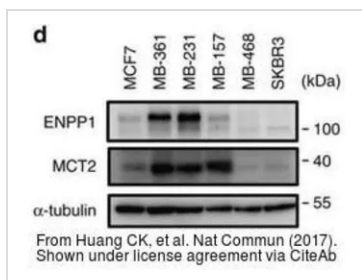
**GTx213110-01 WB Image**

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/)

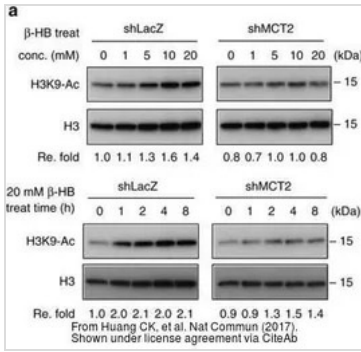


**GTx213110-01 WB Image**

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

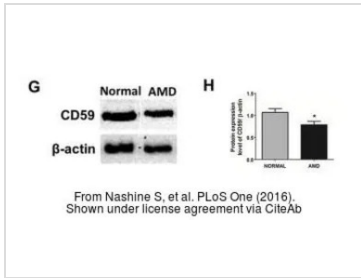


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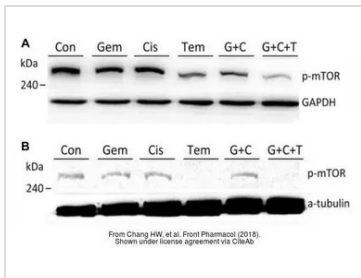
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The data was published in the 2017 in Nat Commun. [PMID: 28281525](https://pubmed.ncbi.nlm.nih.gov/28281525/)



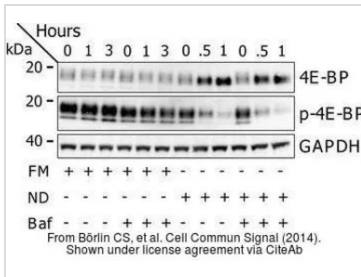
**GTx213110-01 WB Image**

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



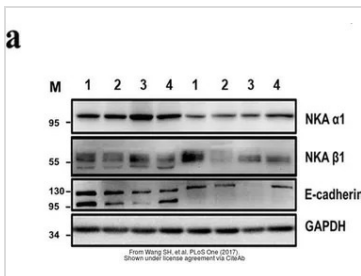
**GTx213110-01 WB Image**

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/)

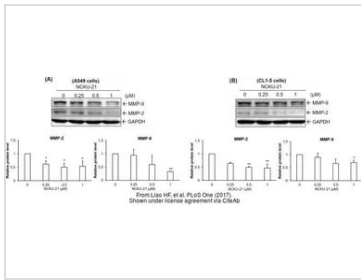


**GTx213110-01 WB Image**

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

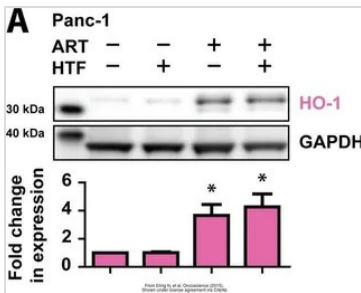


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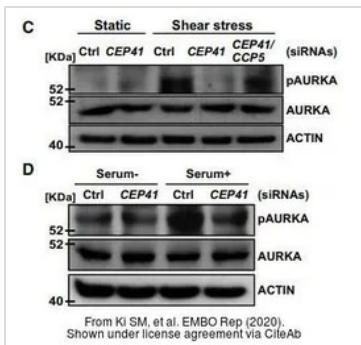
GTX213110-01 WB Image

The data was published in the journal PLoS One in 2017. [PMID: 28945763](https://pubmed.ncbi.nlm.nih.gov/28945763/)



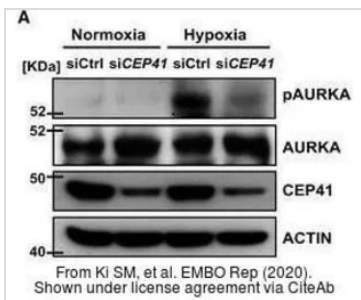
GTX213110-01 WB Image

The data was published in the journal Oncoscience in 2015. [PMID: 26097885](https://pubmed.ncbi.nlm.nih.gov/26097885/)



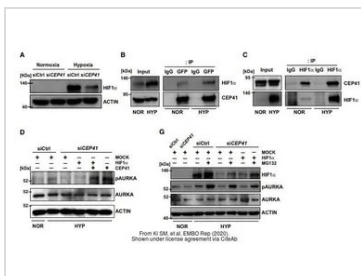
GTX213110-01 WB Image

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



GTX213110-01 WB Image

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



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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## beta Actin antibody [HL1926]

**Cat. No. GTX637675**

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

References ( 11 )

★★★★☆ 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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<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 fragment of human beta Actin
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

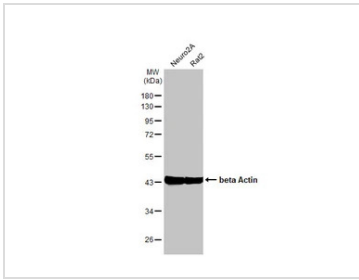
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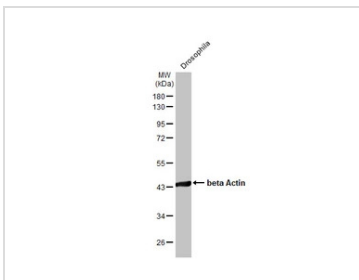
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DATA IMAGES



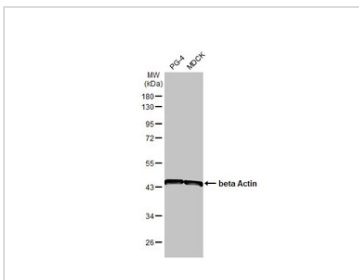
**GTX637675 WB Image**

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.



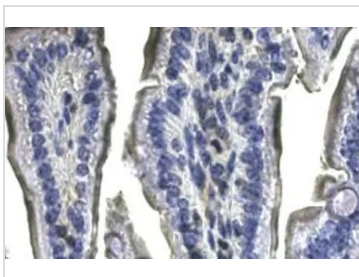
**GTX637675 WB Image**

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.



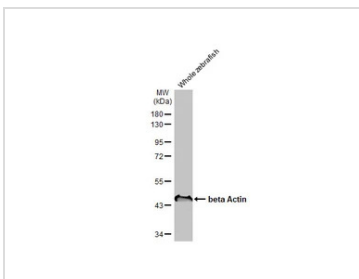
**GTX637675 IHC-P Image**

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

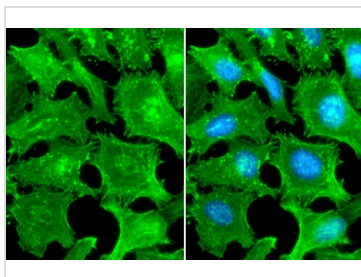


**GTX637675 WB Image**

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.

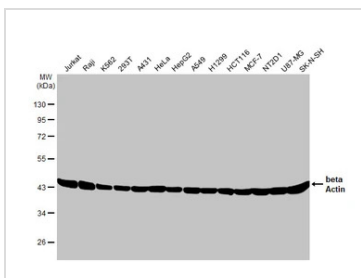


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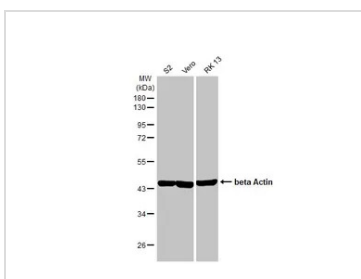
**GTX637675 ICC/IF Image**

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).



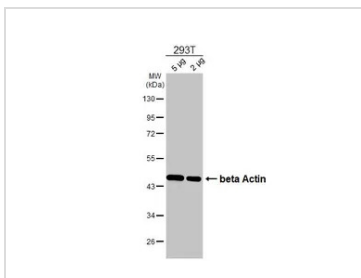
**GTX637675 WB Image**

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.



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## PCNA antibody [HL1965]

**Cat. No. GTX637858**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, IHC-P, IHC-Fr, IHC-Wm
<b>Reactivity</b>	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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<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 fragment of human PCNA
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated



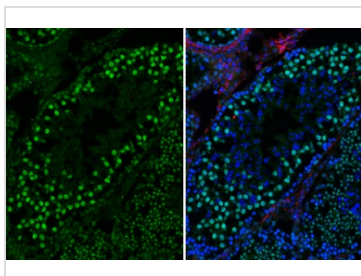
For full product information, images and publications, please visit our [website](#).

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**

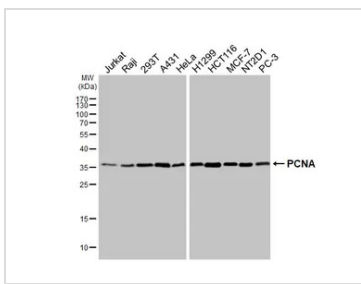
PCNA antibody [HL1965] detects PCNA protein by immunohistochemical analysis.

Sample: Frozen-sectioned mouse testis.

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

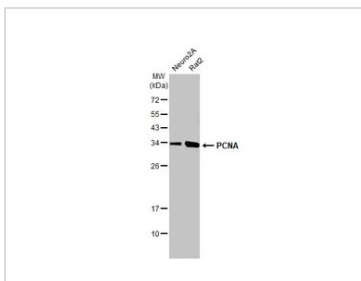
Red: Vimentin antibody [GT812] (GTX629744) diluted at 1:1000.

Blue: Hoechst 33342 staining.



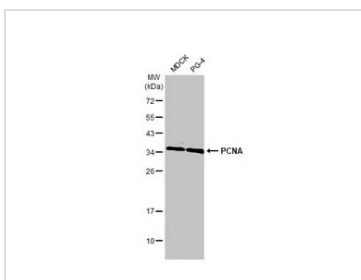
**GTX637858 WB Image**

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.

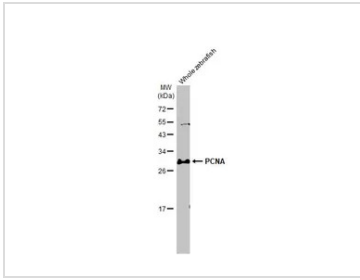


**GTX637858 WB Image**

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.

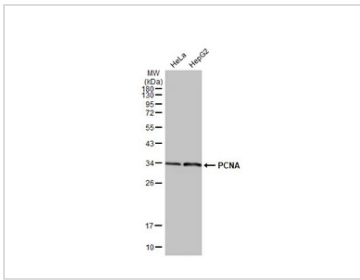


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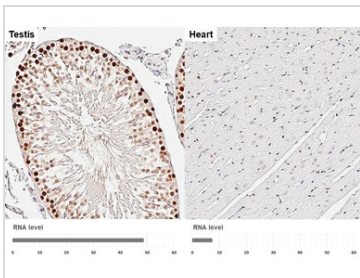
**GTX637858 WB Image**

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**

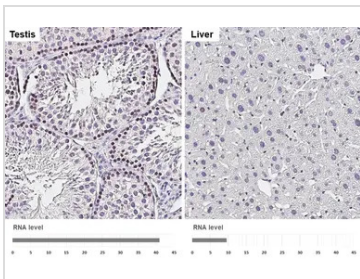
PCNA antibody [HL1965] detects PCNA protein by immunohistochemical analysis.

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**

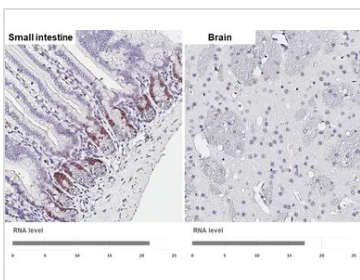
PCNA antibody [HL1965] detects PCNA protein by immunohistochemical analysis.

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.

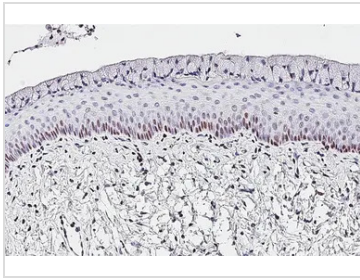
PCNA stained by PCNA antibody [HL1965] (GTX637858) diluted at 1:400000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

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

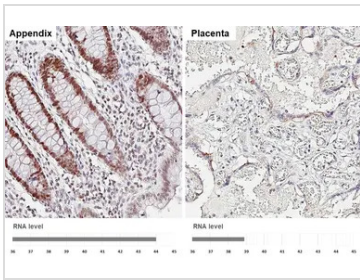


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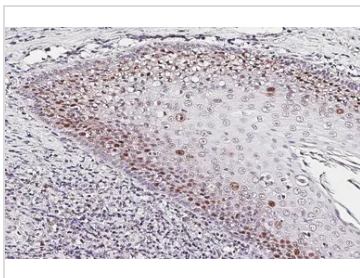
**GTX637858 IHC-P Image**

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



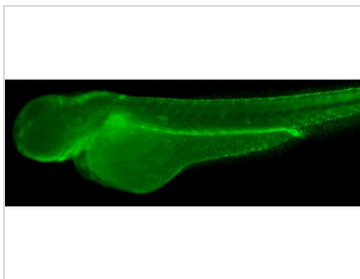
**GTX637858 IHC-P Image**

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.



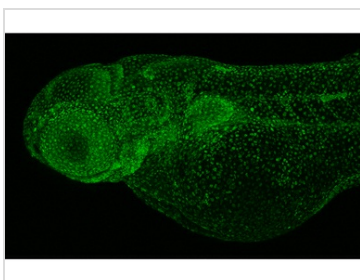
**GTX637858 IHC-P Image**

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

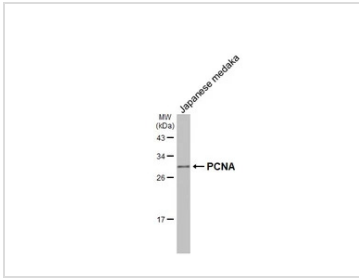


**GTX637858 IHC-Wm Image**

PCNA antibody [HL1965] detects PCNA protein by immunohistochemical analysis.  
 Sample: Paraffin-embedded 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



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#### GTx637858 WB Image

Whole Japanese medaka extract (30  $\mu$ g) 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](#).

## EGFR antibody [HL3153]

**Cat. No. GTX640663**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB
<b>Reactivity</b>	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. This antibody was raised against human EGFR Extracellular domain.

## 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**

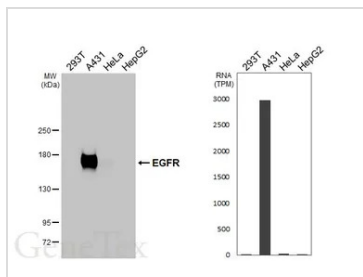
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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.



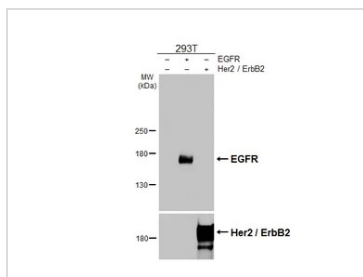
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DATA IMAGES



**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.



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