

# GTX300001

## Organelle Marker Antibody Panel

### Product Content

Cat No	Product Name	Reactivity	Applications	Package
GTX104299	AKR7A2 antibody	Human, Mouse	WB, ICC/IF, IHC-P	25 µl
GTX109247	NHP2L1 antibody [N1C3]	Human, Mouse, Rat, 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
GTX636804	PARP antibody [HL1364]	Human, Mouse	WB, ICC/IF, IHC-P, FCM, IP	25 µl
GTX637077	Calnexin antibody [HL1598]	Human, Mouse, Rat, Cat, Dog	WB, IHC-P	25 µl
GTX638140	alpha Tubulin antibody [HL2162]	Human, Mouse, Rat, Zebrafish, Rabbit, Cat, Dog, Hamster, African green monkey, E. coli	WB, ICC/IF, IHC-P	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.



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## AKR7A2 antibody

Cat. No. GTX104299

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

**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

Not tested in other applications.

**Calculated MW** 40 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 AKR7A2. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

**Note**

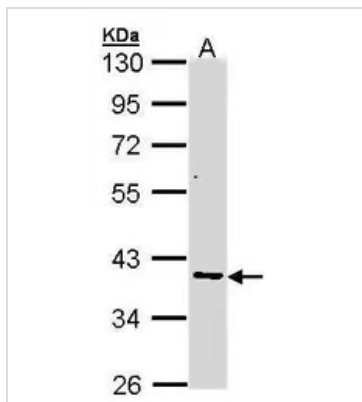
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## DATA IMAGES

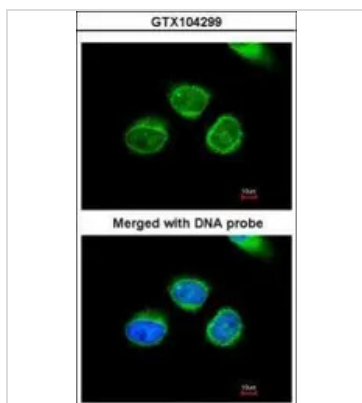
**GTX104299 WB Image**

Sample (30 ug of whole cell lysate)

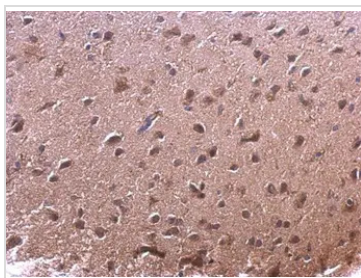
A: A431 (GTX27909)

10% SDS PAGE

GTX104299 diluted at 1:1000

**GTX104299 ICC/IF Image**

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using AKR7 (GTX104299) antibody at 1:200 dilution.

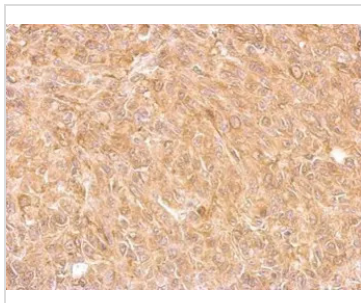
**GTX104299 IHC-P Image**

AKR7A2 antibody detects AKR7A2 protein at cytoplasm on mouse fore brain by immunohistochemical analysis.

Sample: Paraffin-embedded mouse fore brain.

AKR7A2 antibody (GTX104299) dilution: 1:500.

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

**GTX104299 IHC-P Image**

AKR7A2 antibody detects AKR7A2 protein at cytosol on SkHep1 xenograft by immunohistochemical analysis.

Sample: Paraffin-embedded SkHep2 xenograft.

AKR7A2 antibody (GTX104299) dilution: 1:500.

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



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## NHP2L1 antibody [N1C3]

**Cat. No. GTX109247**

<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, Rat, Zebrafish

**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
IHC-Wm	Assay dependent

Not tested in other applications.

**Calculated MW** 14 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>	Full length human NHP2L1 Recombinant protein.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

**Note**

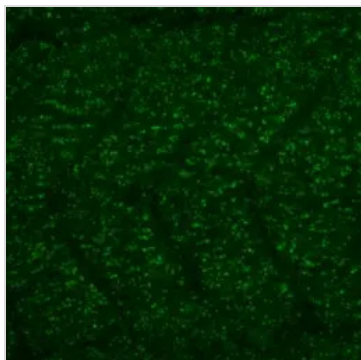
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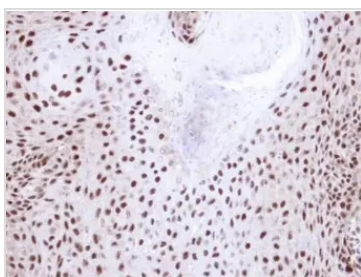
## DATA IMAGES

**GTX109247 IHC-Wm Image**

NHP2L1 antibody [N1C3] detects Nhp2l1 protein at nucleoli on whole-mount zebrafish embryos by immunohistochemical analysis.

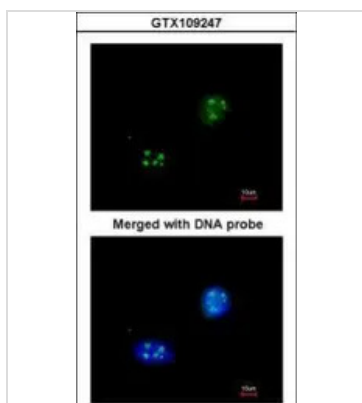
Sample: Paraformaldehyde-fixed zebrafish embryos.

NHP2L1 antibody [N1C3] (GTX109247) dilution: 1:200.

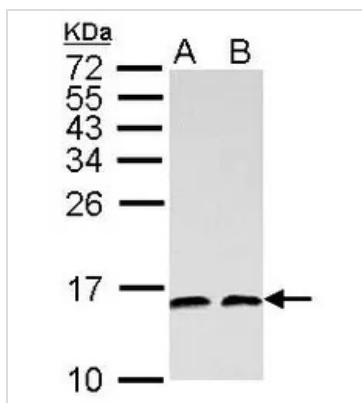
**GTX109247 IHC-P Image**

Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using NHP2-like protein 1 (GTX109247) antibody at 1:100 dilution.

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

**GTX109247 ICC/IF Image**

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using NHP2-like protein 1 (GTX109247) antibody at 1:200 dilution.

**GTX109247 WB Image**

NHP2L1 antibody detects NHP2L1 protein by Western blot analysis.

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

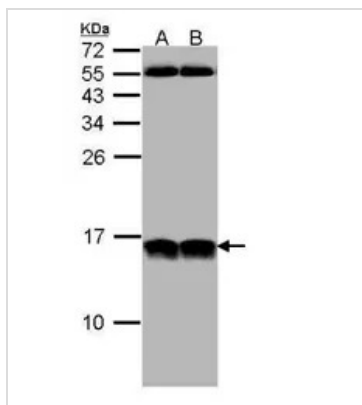
B. 30 µg Rat2 whole cell lysate/extract

15 % SDS-PAGE

NHP2L1 antibody (GTX109247) dilution: 1:1000



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**GTX109247 WB Image**

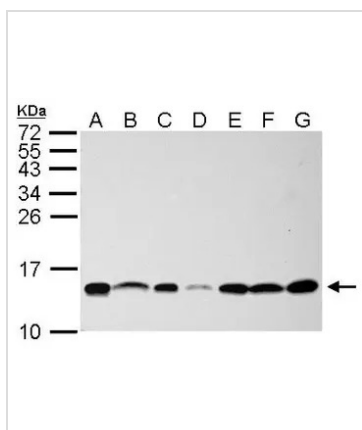
Sample (30 ug of whole cell lysate)

A: HeLa

B: Hep G2 (GTX27900)

12% SDS PAGE

GTX109247 diluted at 1:1000


**GTX109247 WB Image**

NHP2L1 antibody detects NHP2L1 protein by Western blot analysis.

A. 30 µg Neuro2A whole cell lysate/extract

B. 30 µg GL261 whole cell lysate/extract

C. 30 µg C8D30 whole cell lysate/extract

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

E. 30 µg BCL-1 whole cell lysate/extract

F. 30 µg Raw264.7 whole cell lysate/extract

G. 30 µg C2C12 whole cell lysate/extract

15 % SDS-PAGE

NHP2L1 antibody (GTX109247) dilution: 1:1000



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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)

## Note

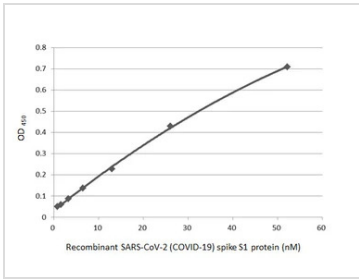
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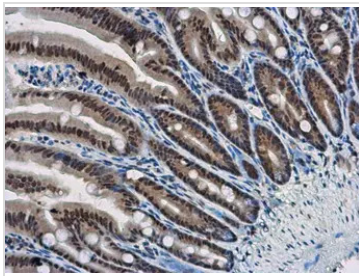
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DATA IMAGES



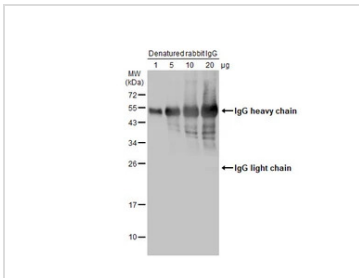
**GTX213110-01 ELISA Image**

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.



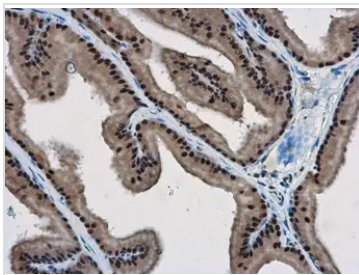
**GTX213110-01 IHC-P Image**

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



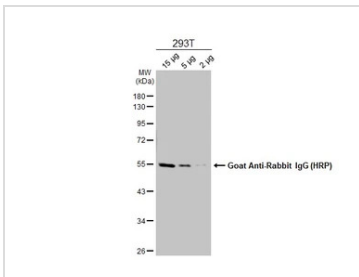
**GTX213110-01 WB Image**

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

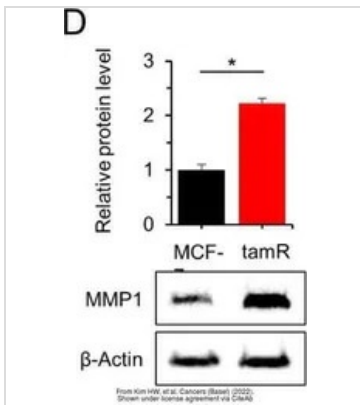


**GTX213110-01 WB Image**

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.

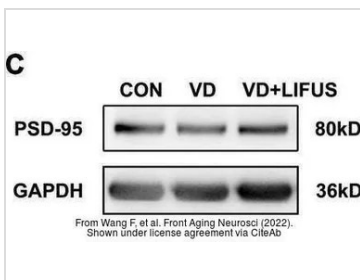


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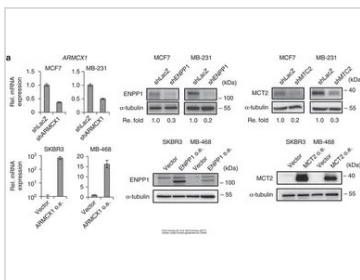
**GTx213110-01 WB Image**

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



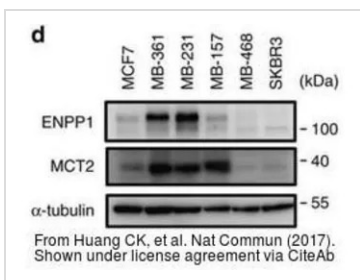
**GTx213110-01 WB Image**

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/)

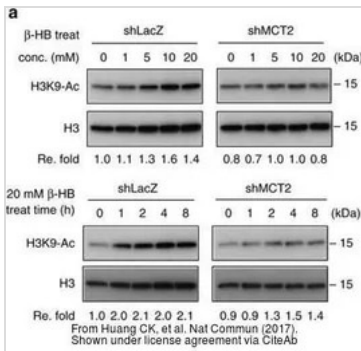


**GTx213110-01 WB Image**

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

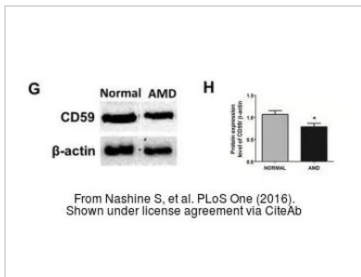


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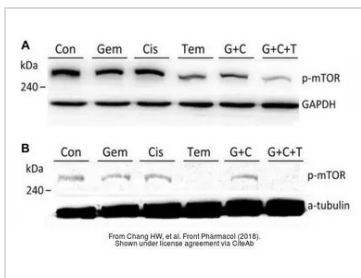
**GTx213110-01 WB Image**

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



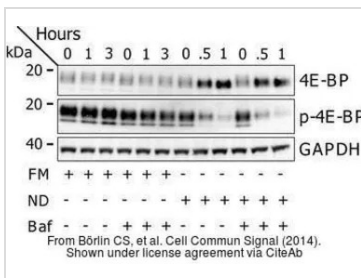
**GTx213110-01 WB Image**

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



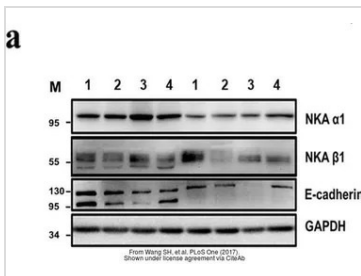
**GTx213110-01 WB Image**

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/)

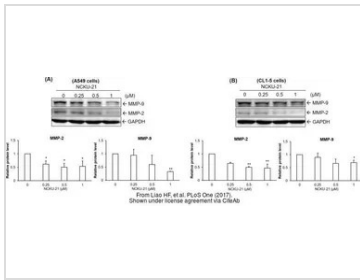


**GTx213110-01 WB Image**

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

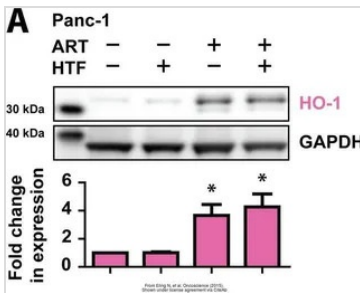


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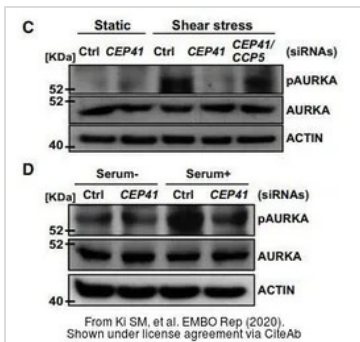
GTX213110-01 WB Image

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



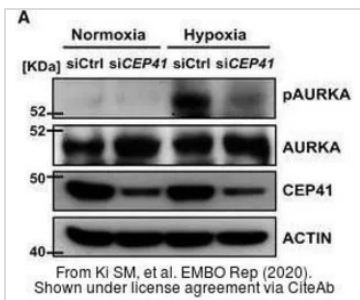
GTX213110-01 WB Image

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



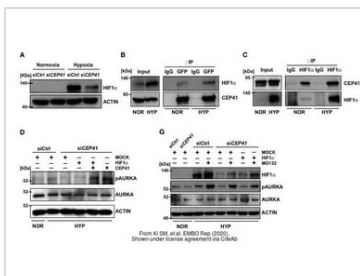
GTX213110-01 WB Image

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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## PARP antibody [HL1364]

Cat. No. GTX636804

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, FCM, IP
<b>Reactivity</b>	Human, Mouse

 Review ( 3 )

**Package**  
 100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
ICC/IF	Assay dependent
IHC-P	Assay dependent
FCM	Assay dependent
IP	Assay dependent

Not tested in other applications.

**Observed MW (kDa)** 89 (cleaved form), 116 (Pro-form) kDa.

**Product Note** This antibody may not be suitable for mouse IHC-P assay, as its mouse reactivity is based on WB testing. It is specific for human PARP1 protein, and it does not cross react with human PARP2 and PARP3 protein.

## 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>	1.5 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 PARP. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

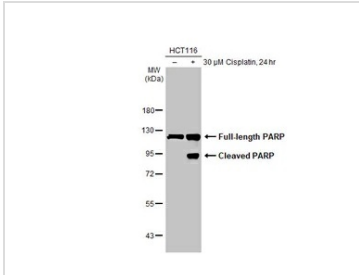


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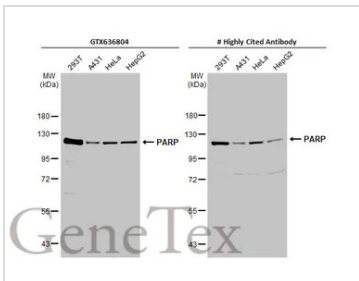
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DATA IMAGES



**GTX636804 WB Image**

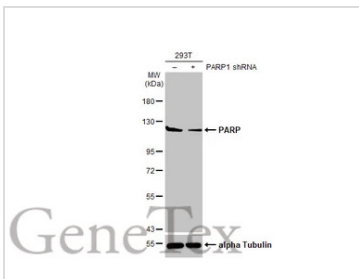
Untreated (-) and treated (+) HCT-116 whole cell extract (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PARP antibody [HL1364] (GTX636804) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX636804 WB Image**

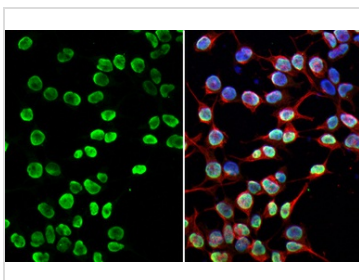
Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membranes were blotted with PARP antibody [HL1364] (GTX636804) diluted at 1:10000 and competitor's antibody (# Highly Cited Antibody) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

\*The competitor is not affiliated with GeneTex and does not endorse this product.



**GTX636804 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PARP antibody [HL1364] (GTX636804) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX636804 ICC/IF Image**

PARP antibody [HL1364] detects PARP protein by immunofluorescent analysis.

Sample: 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.

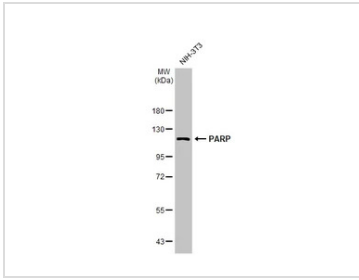
Green: PARP stained by PARP antibody [HL1364] (GTX636804) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).

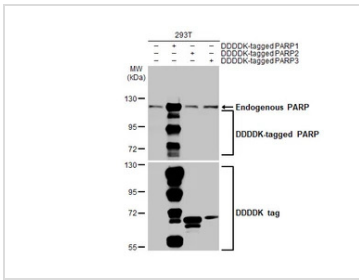


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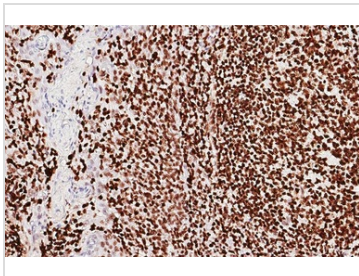
**GTX636804 WB Image**

Whole cell extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with PARP antibody [HL1364] (GTX636804) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



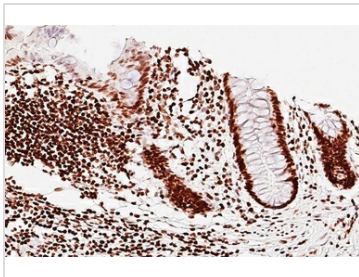
**GTX636804 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PARP antibody [HL1364] (GTX636804) diluted at 1:100000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



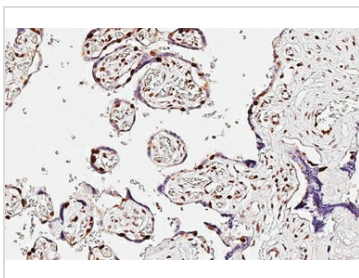
**GTX636804 IHC-P Image**

PARP antibody [HL1364] detects PARP protein by immunohistochemical analysis.  
 Sample: Paraffin-embedded human tonsil.  
 PARP stained by PARP antibody [HL1364] (GTX636804) diluted at 1:250.  
 Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min



**GTX636804 IHC-P Image**

PARP antibody [HL1364] detects PARP protein by immunohistochemical analysis.  
 Sample: Paraffin-embedded human appendix.  
 PARP stained by PARP antibody [HL1364] (GTX636804) diluted at 1:250.  
 Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min



**GTX636804 IHC-P Image**

PARP antibody [HL1364] detects PARP protein by immunohistochemical analysis.  
 Sample: Paraffin-embedded human placenta.  
 PARP stained by PARP antibody [HL1364] (GTX636804) diluted at 1:250.  
 Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min



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

## Calnexin antibody [HL1598]

**Cat. No. GTX637077**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, IHC-P
<b>Reactivity</b>	Human, Mouse, Rat, Cat, Dog

**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

Not tested in other applications.

**Observed MW (kDa)** 95 kDa.

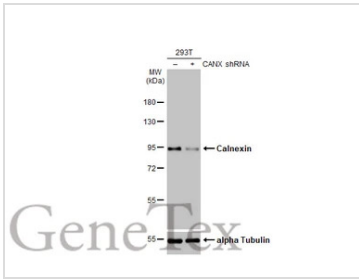
## Properties

<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>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Calnexin. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein A.
<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.  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.



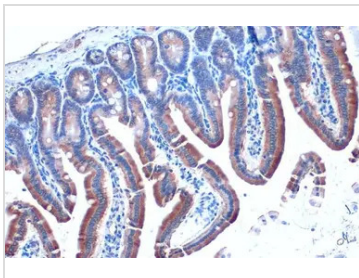
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DATA IMAGES



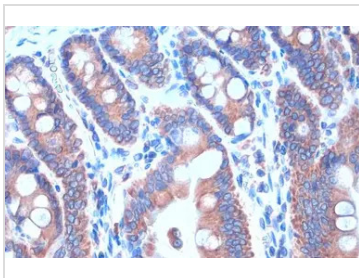
**GTX637077 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts were separated by 7.5% SDS-PAGE, and the membrane was blotted with Calnexin antibody [HL1598] (GTX637077) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



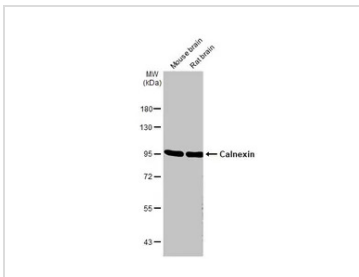
**GTX637077 IHC-P Image**

Calnexin antibody [HL1598] detects Calnexin protein at cytoplasm by immunohistochemical analysis.  
Sample: Paraffin-embedded mouse intestine.  
Calnexin stained by Calnexin antibody [HL1598] (GTX637077) diluted at 1:100.  
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



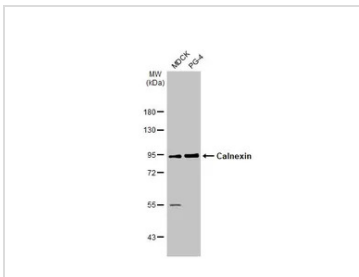
**GTX637077 IHC-P Image**

Calnexin antibody [HL1598] detects Calnexin protein at endoplasmic reticulum by immunohistochemical analysis.  
Sample: Paraffin-embedded rat duodenum.  
Calnexin stained by Calnexin antibody [HL1598] (GTX637077) diluted at 1:100.  
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**GTX637077 WB Image**

Various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Calnexin antibody [HL1598] (GTX637077) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

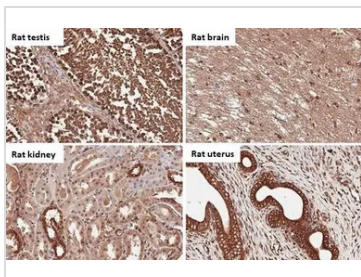


**GTX637077 WB Image**

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Calnexin antibody [HL1598] (GTX637077) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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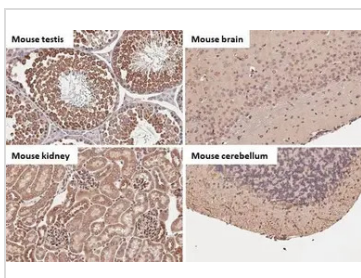
**GTX637077 IHC-P Image**

Calnexin antibody [HL1598] detects Calnexin protein by immunohistochemical analysis.

Sample: Paraffin-embedded rat tissues.

Calnexin stained by Calnexin antibody [HL1598] (GTX637077) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

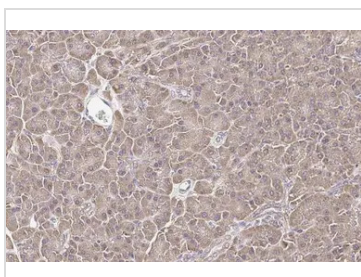
**GTX637077 IHC-P Image**

Calnexin antibody [HL1598] detects Calnexin protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse tissues.

Calnexin stained by Calnexin antibody [HL1598] (GTX637077) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

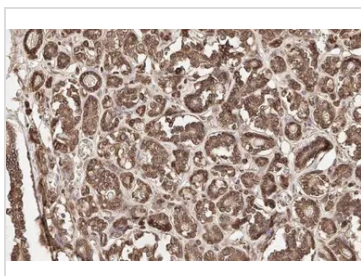
**GTX637077 IHC-P Image**

Calnexin antibody [HL1598] detects Calnexin protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded dog pancreas.

Calnexin stained by Calnexin antibody [HL1598] (GTX637077) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

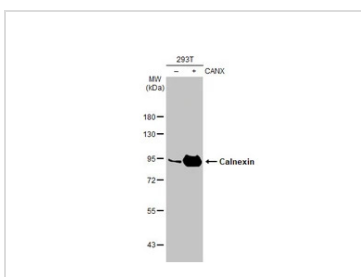
**GTX637077 IHC-P Image**

Calnexin antibody [HL1598] detects Calnexin protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded cat mammary gland.

Calnexin stained by Calnexin antibody [HL1598] (GTX637077) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTX637077 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Calnexin antibody [HL1598] (GTX637077) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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## alpha Tubulin antibody [HL2162]

**Cat. No. GTX638140**

<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, Cat, Dog, Hamster, African green monkey, E. coli

**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	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

**Observed MW (kDa)** 55 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 alpha Tubulin.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

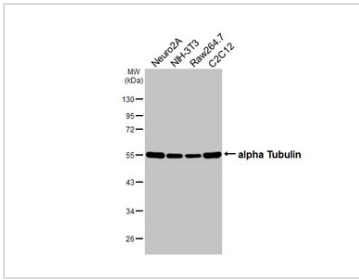
**Note**

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.

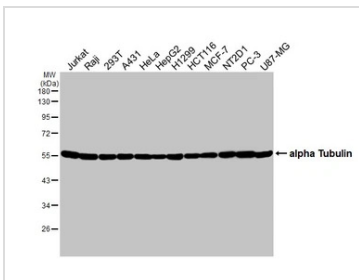
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DATA IMAGES



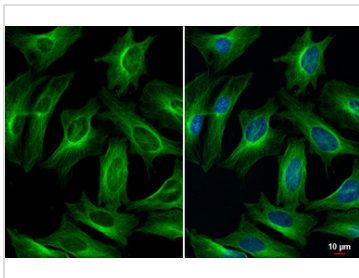
**GTX638140 WB Image**

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX638140 WB Image**

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



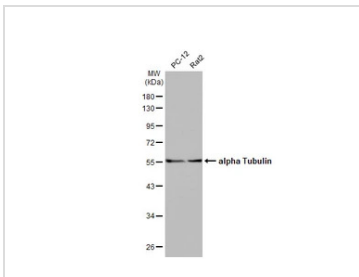
**GTX638140 ICC/IF Image**

alpha Tubulin antibody [HL2162] detects alpha Tubulin protein at cytoskeleton by immunofluorescent analysis.

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

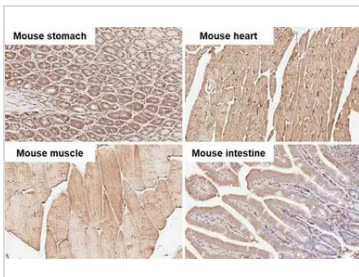
Green: alpha Tubulin stained by alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



**GTX638140 WB Image**

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX638140 IHC-P Image**

alpha Tubulin antibody [HL2162] detects alpha Tubulin protein by immunohistochemical analysis.

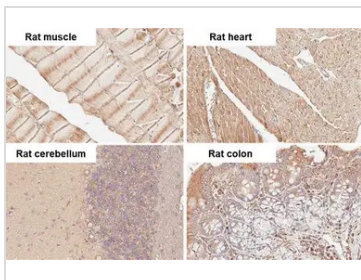
Sample: Paraffin-embedded mouse tissues.

alpha Tubulin stained by alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

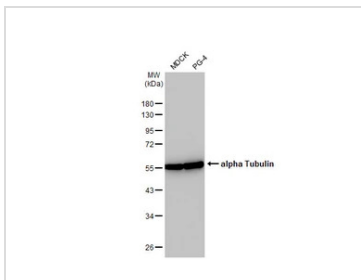


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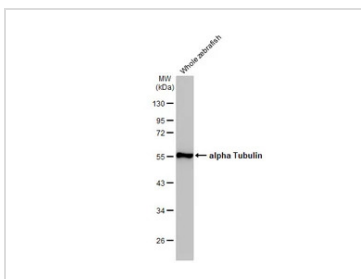
**GTX638140 IHC-P Image**

alpha Tubulin antibody [HL2162] detects alpha Tubulin protein by immunohistochemical analysis.  
 Sample: Paraffin-embedded rat tissues.  
 alpha Tubulin stained by alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:100.  
 Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



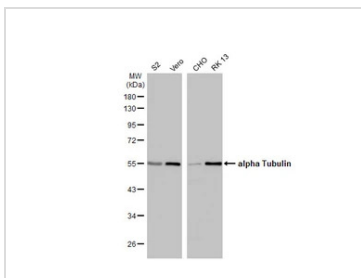
**GTX638140 WB Image**

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



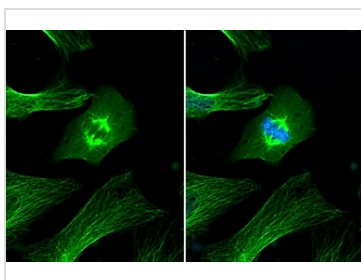
**GTX638140 WB Image**

Whole zebrafish extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX638140 WB Image**

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

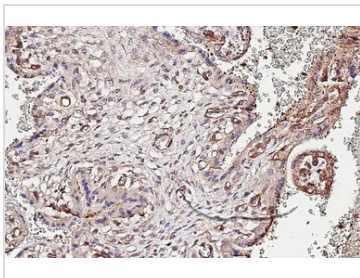


**GTX638140 ICC/IF Image**

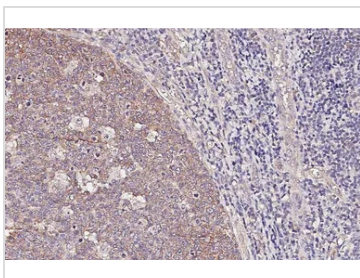
alpha Tubulin antibody [HL2162] detects alpha Tubulin protein at cytoskeleton by immunofluorescent analysis.  
 Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.  
 Green: alpha Tubulin stained by alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:500.  
 Blue: Fluoroshield with DAPI (GTX30920).



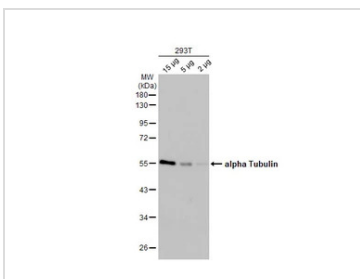
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**GTX638140 IHC-P Image**

alpha Tubulin antibody [HL2162] detects alpha Tubulin protein by immunohistochemical analysis.  
 Sample: Paraffin-embedded human placenta.  
 alpha Tubulin stained by alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:2500.  
 Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX638140 IHC-P Image**

alpha Tubulin antibody [HL2162] detects alpha Tubulin protein by immunohistochemical analysis.  
 Sample: Paraffin-embedded human tonsil.  
 alpha Tubulin stained by alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:2500.  
 Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX638140 WB Image**

Various whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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