

GTX300104

Antibody panel for ER/mitochondria organelle marker

Product Content

Cat No	Product Name	Reactivity	Applications	Package
GTX213110-01	Goat Anti-Rabbit IgG antibody (HRP)	Rabbit	WB, IHC-P, ELISA	25 µl
GTX637077	Calnexin antibody [HL1598]	Human, Mouse, Rat, Cat, Dog	WB, IHC-P	10 µl
GTX638316	COX4 antibody [HL2264]	Human, Mouse, Rat, Zebrafish	WB, ICC/IF, IHC-P	10 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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Goat Anti-Rabbit IgG antibody (HRP)

Cat. No. GTX213110-01

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

References (648)

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

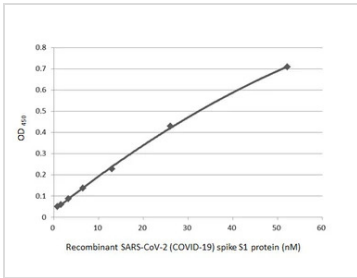
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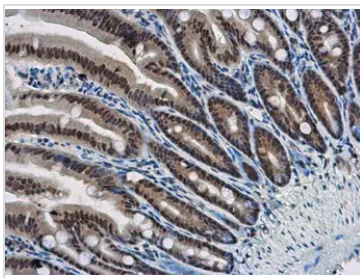
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DATA IMAGES



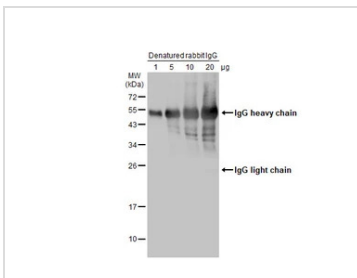
GTX213110-01 ELISA Image

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.



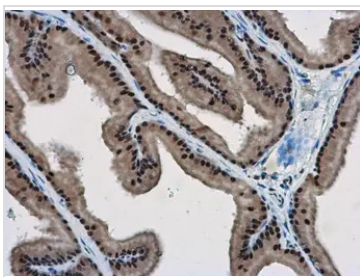
GTX213110-01 IHC-P Image

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



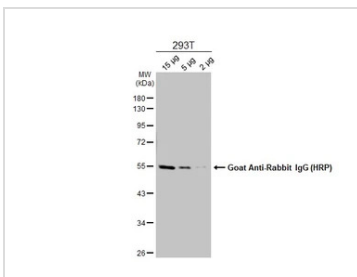
GTX213110-01 WB Image

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

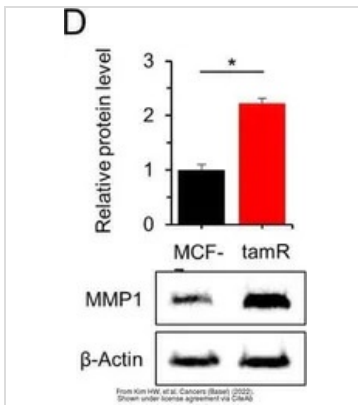


GTX213110-01 WB Image

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.

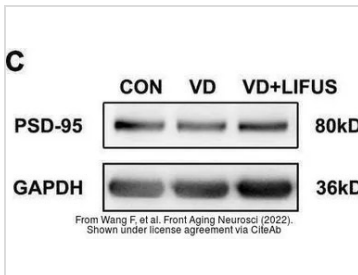


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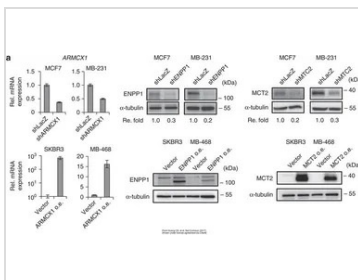
GTx213110-01 WB Image

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



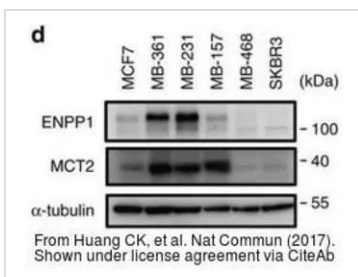
GTx213110-01 WB Image

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/)

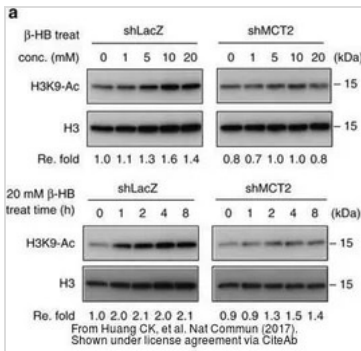


GTx213110-01 WB Image

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

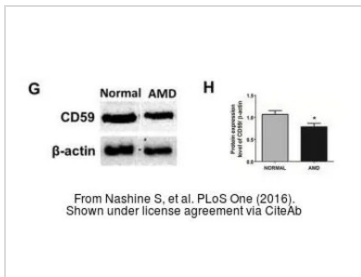


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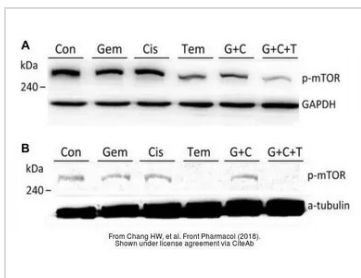
GTx213110-01 WB Image

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



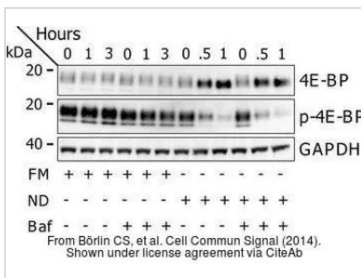
GTx213110-01 WB Image

The data was published in the 2016 in PLoS One. [PMID: 27486856](#)



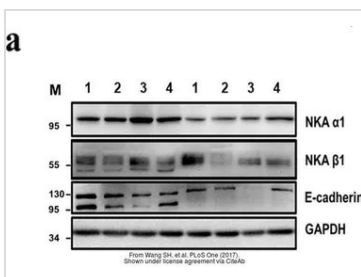
GTx213110-01 WB Image

The data was published in the journal Front Pharmacol in 2018. [PMID: 30087612](#)



GTx213110-01 WB Image

The data was published in the journal Cell Commun Signal in 2014. [PMID: 25214434](#)

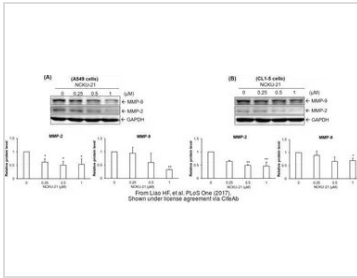


GTx213110-01 WB Image

The data was published in the journal PLoS One in 2017. [PMID: 28832634](#)

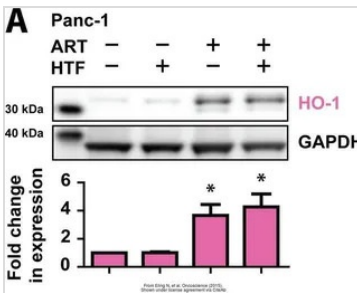


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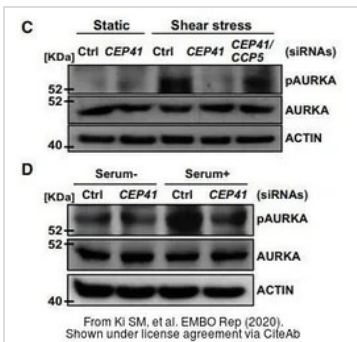
GTx213110-01 WB Image

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



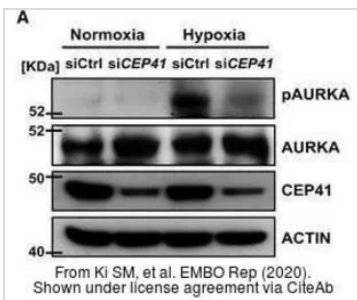
GTx213110-01 WB Image

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



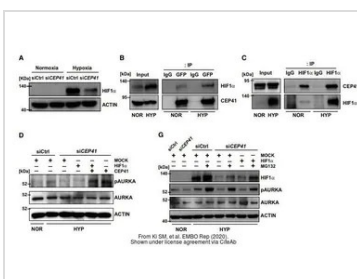
GTx213110-01 WB Image

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](#)



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Calnexin antibody [HL1598]

Cat. No. GTX637077

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	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.

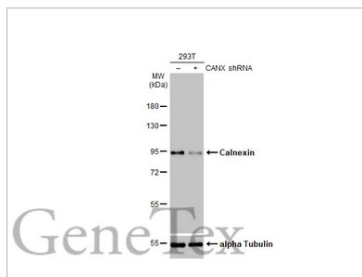
Properties

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	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Calnexin. 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.

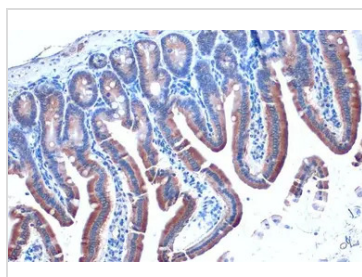


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DATA IMAGES

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.

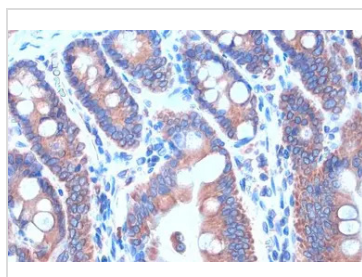

GTX637077 IHC-P Image

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

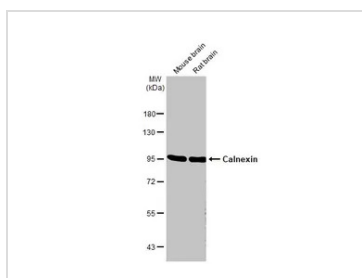

GTX637077 IHC-P Image

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

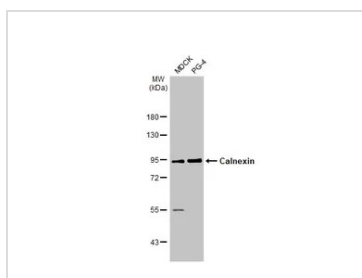
Sample: Paraffin-embedded rat duodenum.

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

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX637077 WB Image

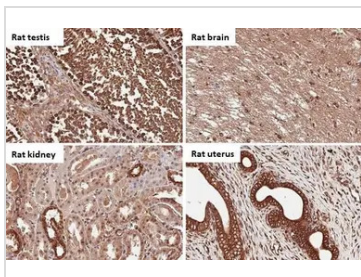
Various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Calnexin antibody [HL1598] (GTX637077) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


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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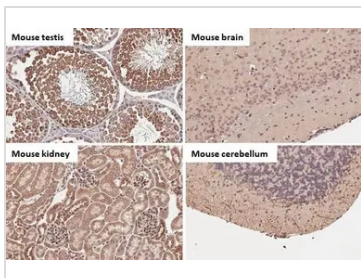

GTX637077 IHC-P Image

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

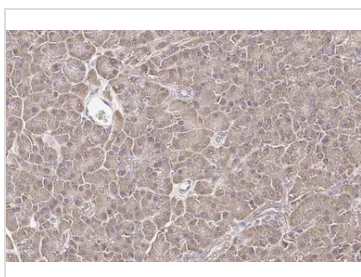

GTX637077 IHC-P Image

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

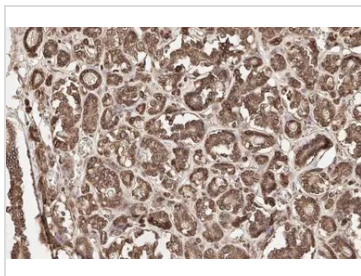

GTX637077 IHC-P Image

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

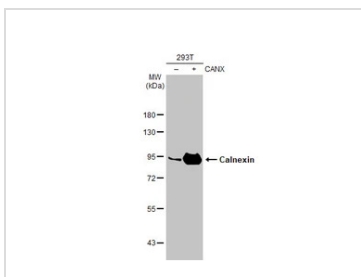

GTX637077 IHC-P Image

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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COX4 antibody [HL2264]

Cat. No. GTX638316

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat, Zebrafish

References (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	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa) 17 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 COX4.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

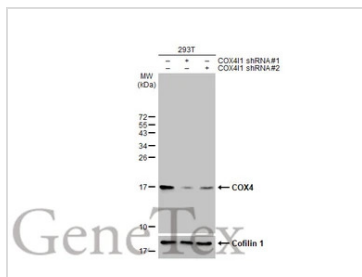
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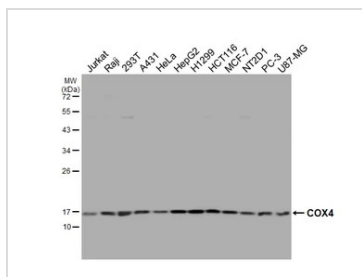


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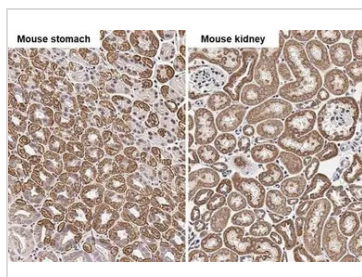
DATA IMAGES

**GTX638316 WB Image**

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody [HL2264] (GTX638316) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX638316 WB Image**

Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with COX4 antibody [HL2264] (GTX638316) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

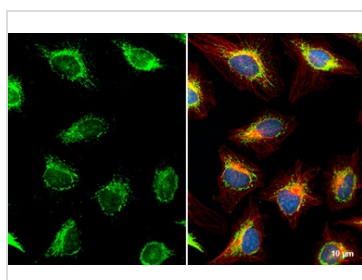
**GTX638316 IHC-P Image**

COX4 antibody [HL2264] detects COX4 protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse tissues.

COX4 stained by COX4 antibody [HL2264] (GTX638316) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTX638316 ICC/IF Image**

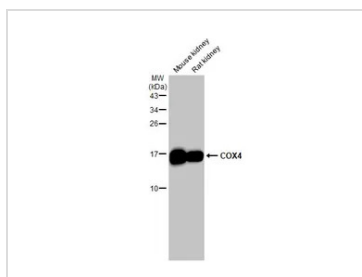
COX4 antibody [HL2264] detects COX4 protein at mitochondria by immunofluorescent analysis.

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

Green: COX4 stained by COX4 antibody [HL2264] (GTX638316) diluted at 1:500.

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

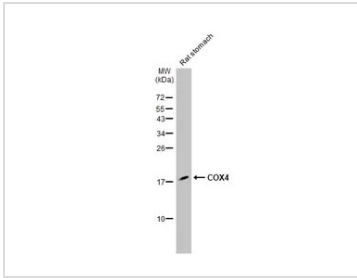
Blue: Fluoroshield with DAPI (GTX30920).

**GTX638316 WB Image**

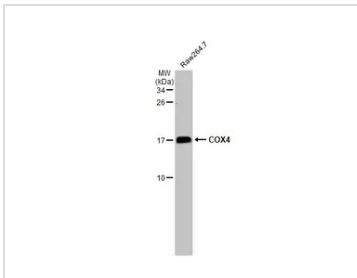
Various tissue extracts (50 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody [HL2264] (GTX638316) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



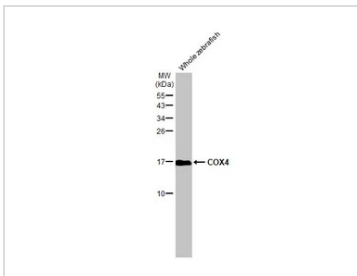
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GTX638316 WB Image

Rat tissue extract (50 µg) was separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody [HL2264] (GTX638316) 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.


GTX638316 WB Image

Whole cell extract (30 µg) was separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody [HL2264] (GTX638316) 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 femto Western HRP Substrate.


GTX638316 WB Image

Whole zebrafish extract (30 µg) was separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody [HL2264] (GTX638316) 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.



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