

GTX300022

Nucleotide Excision Repair Antibody Panel 1

Product Content

Cat No	Product Name	Reactivity	Applications	Package
GTX100122	ERCC8 antibody	Human, Mouse, Rat	WB, ICC/IF	25 µl
GTX100130	DDB1 antibody	Human, Mouse, Rat	WB, ICC/IF, IHC-P, IP	25 µl
GTX104589	CSB antibody [N2C1], Internal	Human, Mouse, Rat	ICC/IF, IHC-P	25 µl
GTX213110-01	Goat Anti-Rabbit IgG antibody (HRP)	Rabbit	WB, IHC-P, ELISA	25 µl
GTX640231	XPC antibody [HL2894]	Human, Mouse, Rat	WB, 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.



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

ERCC8 antibody

Cat. No. GTX100122

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human, Mouse, Rat

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	1:100-1:1000

Not tested in other applications.

Calculated MW 44 kDa. ([Note](#))

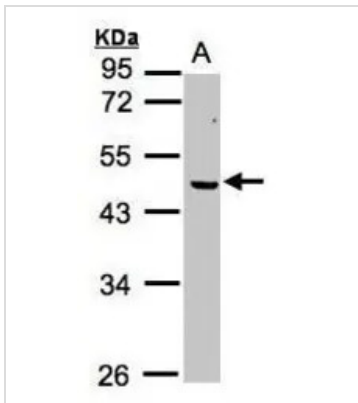
Properties

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	5.39 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human ERCC8. 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.



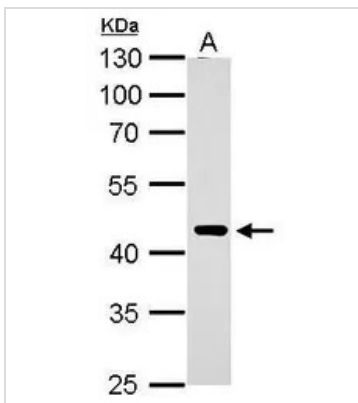
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DATA IMAGES



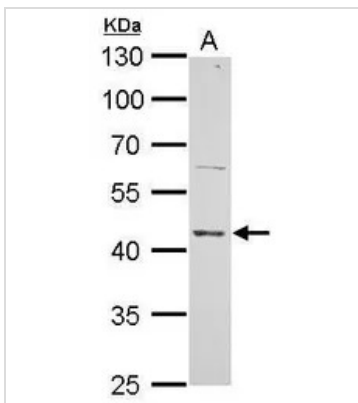
GTX100122 WB Image

Sample (30µg whole cell lysate)
A: MOLT4 (GTX27912)
10% SDS PAGE
GTX100122 diluted at 1:1000



GTX100122 WB Image

ERCC8 antibody detects ERCC8 protein by Western blot analysis.
A. 30 µg Rat2 whole cell lysate/extract
10 % SDS-PAGE
ERCC8 antibody (GTX100122) dilution: 1:1000

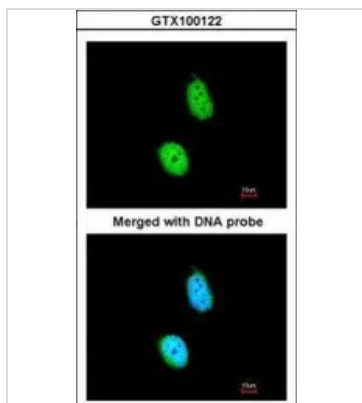


GTX100122 WB Image

ERCC8 antibody detects ERCC8 protein by Western blot analysis.
A. 30 µg C8D30 whole cell lysate/extract
10 % SDS-PAGE
ERCC8 antibody (GTX100122) dilution: 1:1000



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GTX100122 ICC/IF Image

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using ERCC8(GTX100122) antibody at 1:200 dilution.



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DDB1 antibody

Cat. No. GTX100130

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

References (9)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:10000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:500-1:1000

Not tested in other applications.

Calculated MW 127 kDa. ([Note](#))

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	0.34 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 DDB1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

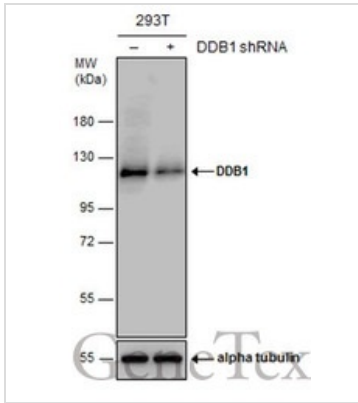


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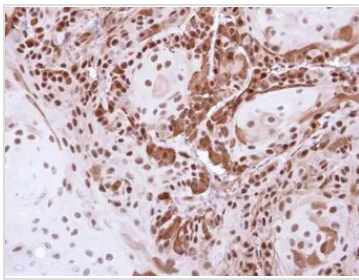
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

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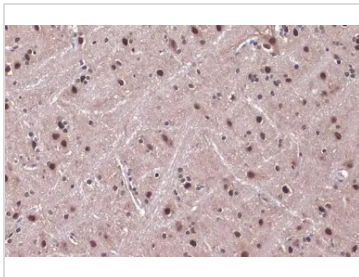
DATA IMAGES

GTx100130 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 DDB1 antibody (GTx100130) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx100130 IHC-P Image

Immunohistochemical analysis of paraffin-embedded Cal27 Xenograft , using DDB1(GTx100130) antibody at 1:500 dilution.

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

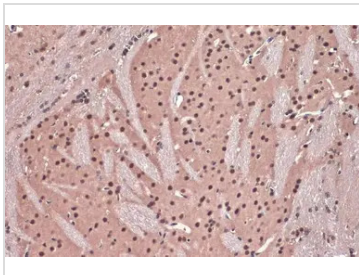

GTx100130 IHC-P Image

DDB1 antibody detects DDB1 protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded rat brain.

DDB1 stained by DDB1 antibody (GTx100130) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTx100130 IHC-P Image

DDB1 antibody detects DDB1 protein at nucleus by immunohistochemical analysis.

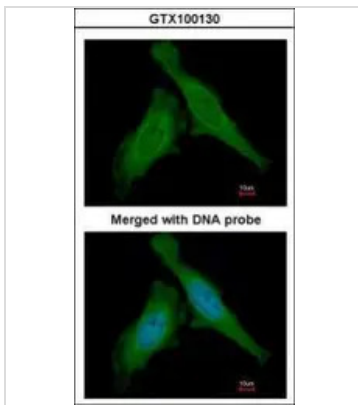
Sample: Paraffin-embedded mouse brain.

DDB1 stained by DDB1 antibody (GTx100130) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

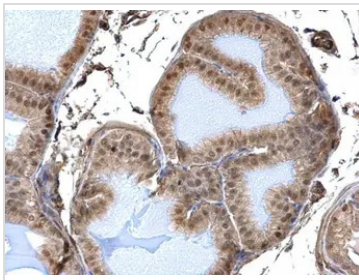


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GTX100130 ICC/IF Image

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using DDB1(GTX100130) antibody at 1:200 dilution.



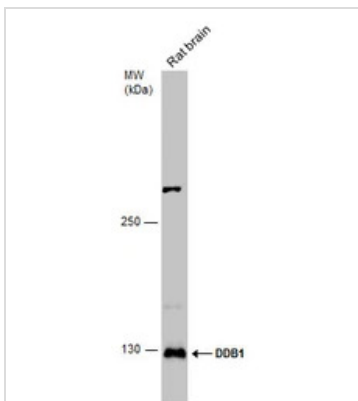
GTX100130 IHC-P Image

DDB1 antibody detects DDB1 protein at nucleus and cytosol on mouse prostate by immunohistochemical analysis.

Sample: Paraffin-embedded mouse prostate.

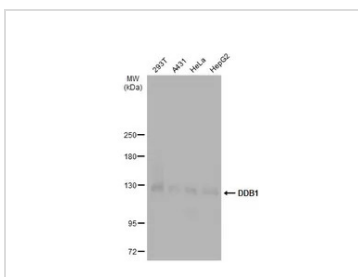
DDB1 antibody (GTX100130) dilution: 1:500.

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



GTX100130 WB Image

Rat tissue extract (50 µg) was separated by 5% SDS-PAGE, and the membrane was blotted with DDB1 antibody (GTX100130) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

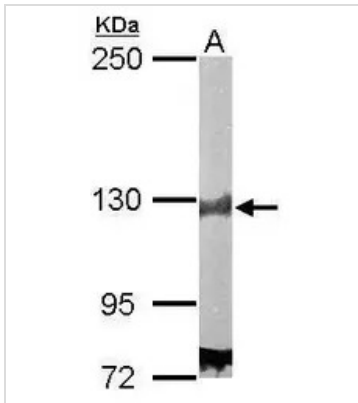


GTX100130 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with DDB1 antibody (GTX100130) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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GTX100130 WB Image

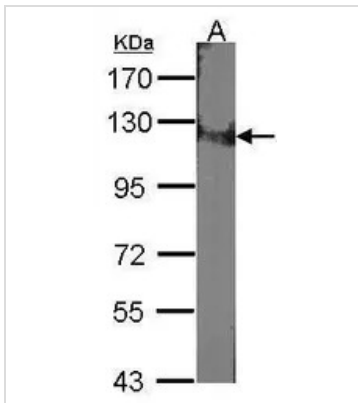
Sample (50 µg of whole cell lysate)

A: Mouse brain

5% SDS PAGE

GTX100130 diluted at 1:5000

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



GTX100130 WB Image

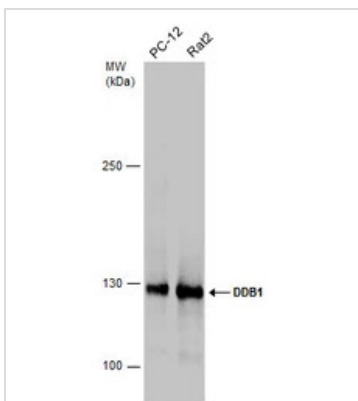
Sample (30 µg of whole cell lysate)

A: NIH-3T3

7.5% SDS PAGE

GTX100130 diluted at 1:1000

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



GTX100130 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with DDB1 antibody (GTX100130) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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CSB antibody [N2C1], Internal

Cat. No. GTX104589

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

References (4)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 168 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 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	1.53 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human CSB. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

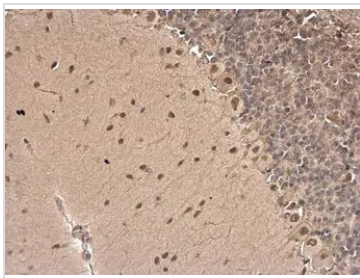
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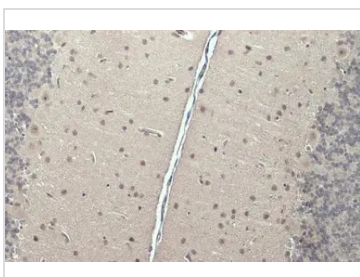
DATA IMAGES

GTx104589 IHC-P Image

CSB antibody [N2C1], Internal detects CSB protein at nucleus on rat hind brain by immunohistochemical analysis.

Sample: Paraffin-embedded rat hind brain.

CSB antibody [N2C1], Internal (GTx104589) dilution: 1:500.

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


GTx104589 IHC-P Image

CSB antibody [N2C1], Internal detects CSB protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded rat brain.

CSB stained by CSB antibody [N2C1], Internal (GTx104589) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

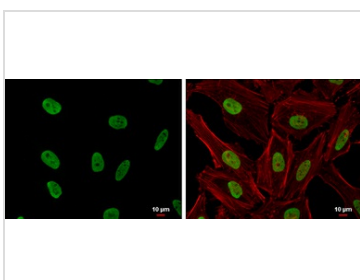

GTx104589 IHC-P Image

CSB antibody [N2C1], Internal detects CSB protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded mouse brain.

CSB stained by CSB antibody [N2C1], Internal (GTx104589) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTx104589 ICC/IF Image

CSB antibody [N2C1], Internal detects CSB protein at nucleus by immunofluorescent analysis.

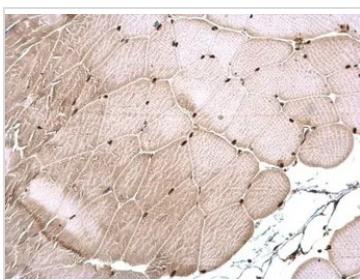
Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: CSB protein stained by CSB antibody [N2C1], Internal (GTx104589) diluted at 1:500.

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

Blue: Hoechst 33342 staining.

Scale bar = 10 μm.


GTx104589 IHC-P Image

CSB antibody [N2C1], Internal detects CSB protein at nucleus on mouse muscle by immunohistochemical analysis.

Sample: Paraffin-embedded mouse muscle.

CSB antibody [N2C1], Internal (GTx104589) dilution: 1:500.

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



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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 (654)

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

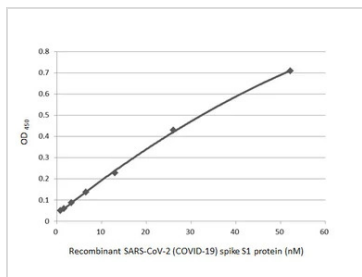
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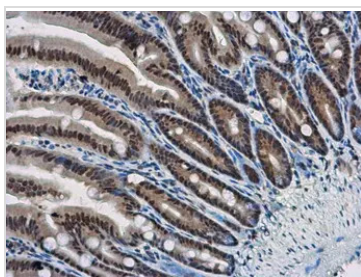
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DATA IMAGES



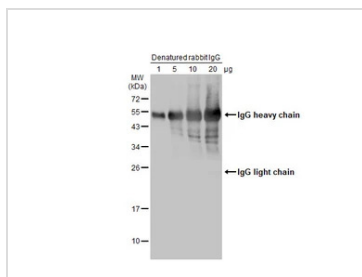
GTX213110-01 ELISA Image

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.



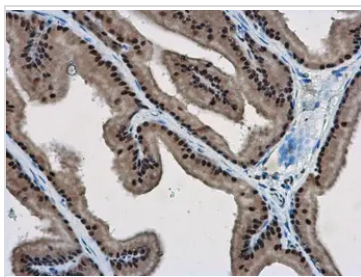
GTX213110-01 IHC-P Image

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



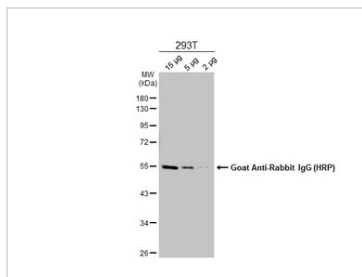
GTX213110-01 WB Image

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

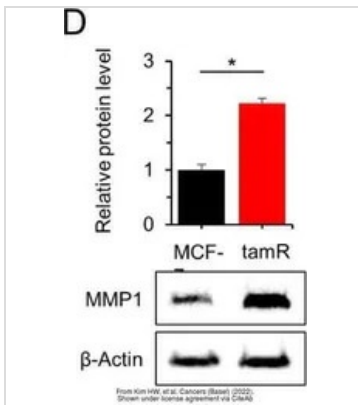


GTX213110-01 WB Image

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.

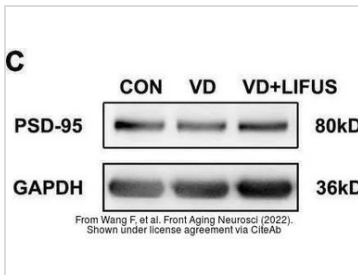


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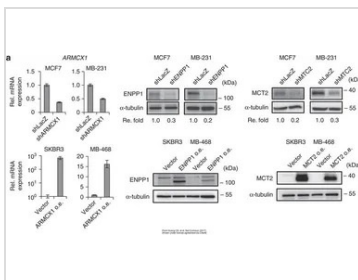
GTX213110-01 WB Image

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



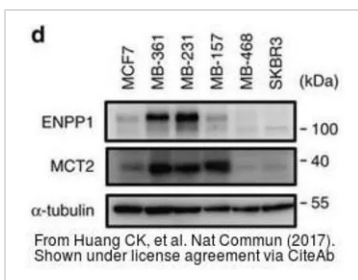
GTX213110-01 WB Image

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



GTX213110-01 WB Image

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

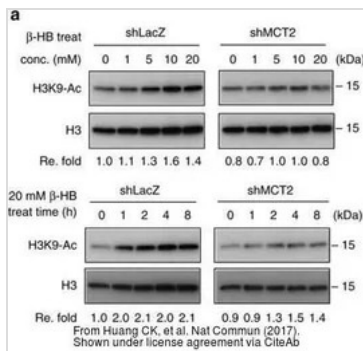


GTX213110-01 WB Image

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

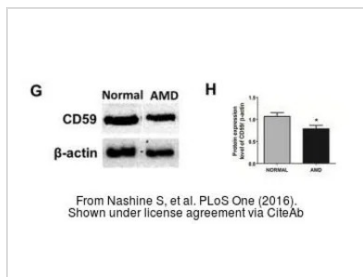


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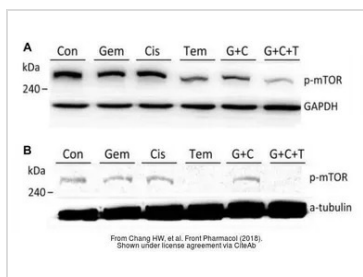
GTx213110-01 WB Image

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



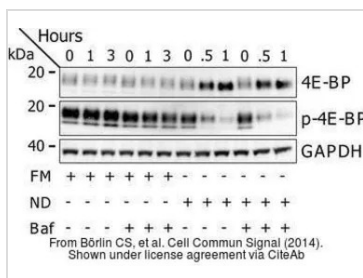
GTx213110-01 WB Image

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



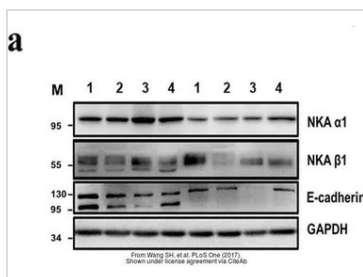
GTx213110-01 WB Image

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](#)

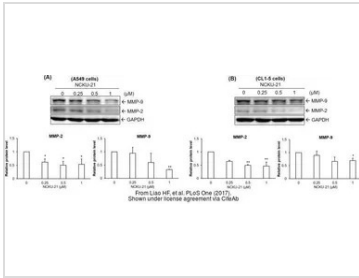


GTx213110-01 WB Image

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

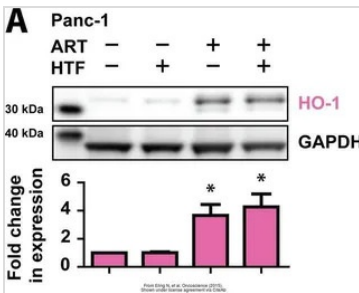


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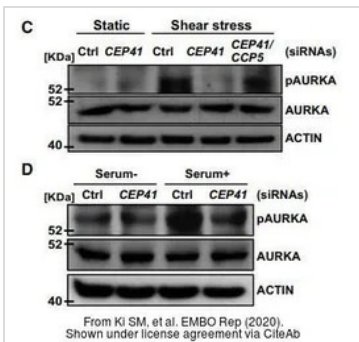
GTX213110-01 WB Image

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



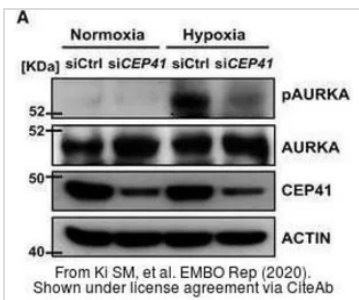
GTX213110-01 WB Image

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



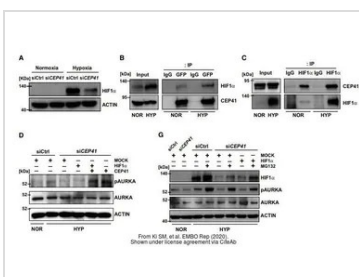
GTX213110-01 WB Image

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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XPC antibody [HL2894]

Cat. No. GTX640231

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

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) 120 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 XPC.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

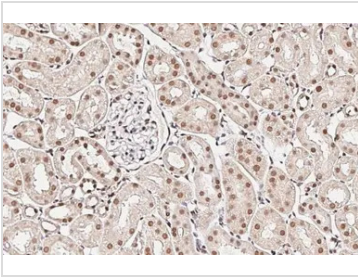
Note

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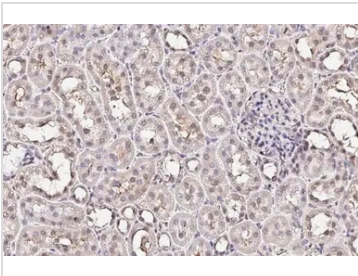
DATA IMAGES

GTX640231 IHC-P Image

XPC antibody [HL2894] detects XPC protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse kidney.

XPC stained by XPC antibody [HL2894] (GTX640231) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

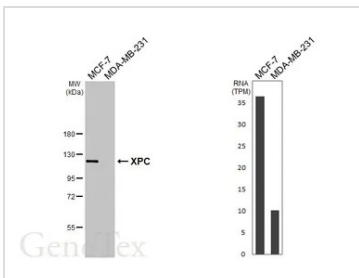

GTX640231 IHC-P Image

XPC antibody [HL2894] detects XPC protein by immunohistochemical analysis.

Sample: Paraffin-embedded rat kidney.

XPC stained by XPC antibody [HL2894] (GTX640231) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX640231 WB Image

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with XPC antibody [HL2894] (GTX640231) 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.



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