

GTX300028

iPSC Antibody Panel -Thomson factor

Product Content

Cat No	Product Name	Reactivity	Application	Package
GTX100622	Oct4 antibody	Human, Mouse	WB, ICC/IF, FACS, IP	25 µl
GTX100863	Nanog antibody [N3C3]	Human, Mouse, Ceratotherium simum	WB, ICC/IF, IHC-P, IHC-Fr, IP, ELISA, IHC, Sandwich ELISA	25 µl
GTX101507	SOX2 antibody [N1C3]	Human, Mouse, Rat, Frog, Ceratotherium simum	WB, ICC/IF, IHC-P, IHC-Fr, FACS, IP	25 µl
GTX121923	Lin28A antibody	Human, Mouse, Pig	WB, ICC/IF, IHC-P, FACS	25 µl
GTX213110-01	Goat Anti-Rabbit IgG antibody (HRP)	Rabbit	WB, IHC-P, ELISA	25 µl
GTX48037	SSEA-4 antibody [MC-813-70]	Human	WB, ICC/IF, IHC-P, FACS, IP, IHC	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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Oct4 antibody

Cat. No. GTX100622

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, FACS, IP
Reactivity	Human, Mouse

Reference (3)
Package
100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:20000
ICC/IF	1:100-1:1000
FACS	1:50-1:200
IP	1:500-1:1000

Not tested in other applications.

Calculated MW 39 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	0.32 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Oct4. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

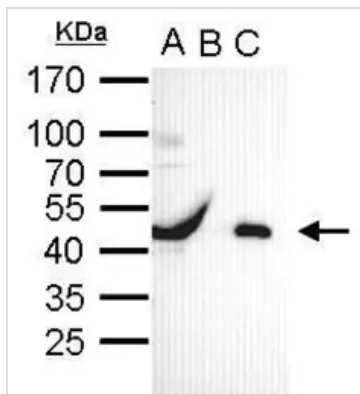
Note

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

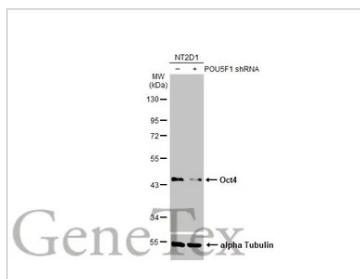
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



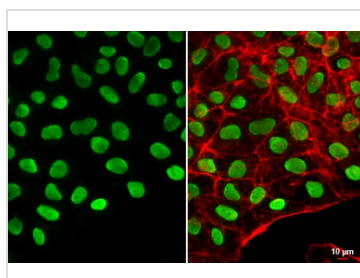
For full product information, images and publications, please visit our [website](#).

DATA IMAGES

GTX100622 IP Image

Oct4 antibody immunoprecipitates Oct4 protein in IP experiments. IP Sample: cell lysate/extract of Oct4 gene transfected 293T cells A. Cell lysate/extract of transfected 293T cell B. Control with 2 µg of preimmune rabbit IgG C. Immunoprecipitation of Oct4 by 2 µg of Oct4 antibody (GTX100622) 12% SDS-PAGE The immunoprecipitated Oct4 protein was detected by Oct4 antibody (GTX100622) diluted at 1:1000. EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent.


GTX100622 WB Image

Non-transfected (–) and transfected (+) NT2D1 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Oct4 antibody (GTX100622) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX100622 ICC/IF Image

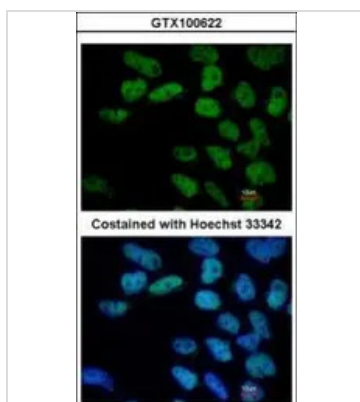
Oct4 antibody detects Oct4 protein at nucleus by immunofluorescent analysis.

Sample: NT2D1 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Oct4 stained by Oct4 antibody (GTX100622) diluted at 1:500.

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

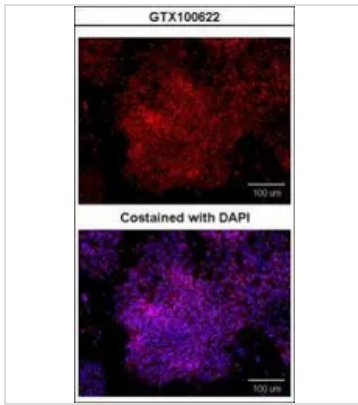
Scale bar= 10 µm.


GTX100622 ICC/IF Image

Immunofluorescence analysis of paraformaldehyde-fixed Human ESC, using Oct4(GTX100622) antibody at 1:400 dilution.

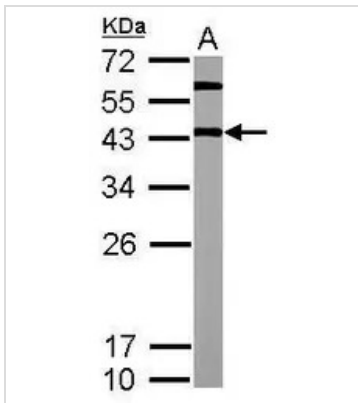


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GTX100622 ICC/IF Image

Immunofluorescence analysis of paraformaldehyde-fixed human embryonic stem cell, using Oct4(GTX100622) antibody at 1:100 dilution.



GTX100622 WB Image

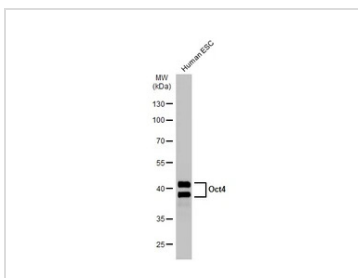
Sample (20 μg of whole cell lysate)

A: mouse ESC

12% SDS PAGE

GTX100622 diluted at 1:5000

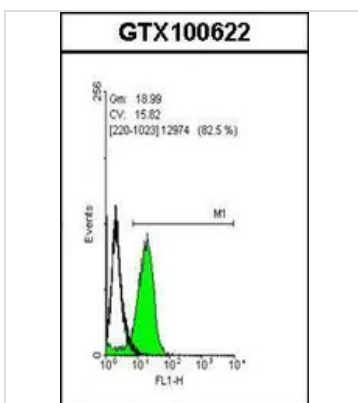
The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX100622 WB Image

Human tissue extract (30 μg) was separated by 10% SDS-PAGE, and the membrane was blotted with Oct4 antibody (GTX100622) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

The observed M.W. is based on the publication: PMID: 23642364

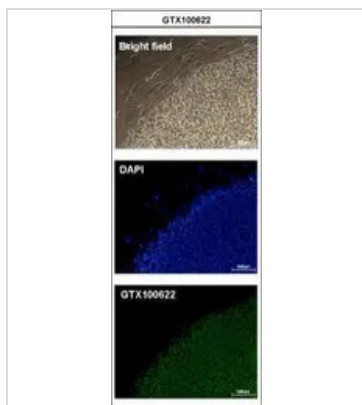


GTX100622 FACS Image

Flow cytometry on human embryonic stem cells, staining with Oct4 (GTX100622) antibody at 1:50 dilution (green) or rabbit IgG (black).



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GTX100622 ICC/IF Image

Immunofluorescence analysis of paraformaldehyde-fixed human embryonic stem cell, using Oct4(GTX100622) antibody at 1:200 dilution.



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

Nanog antibody [N3C3]

Cat. No. GTX100863

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IHC-Fr, IP, ELISA, IHC, Sandwich ELISA
Reactivity	Human, Mouse, Ceratotherium simum

Reference (34)
Package
100 µl, 25 µl

APPLICATION

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	Assay dependent
IHC-Fr	Assay dependent
IP	1:100-1:500
ELISA	1:1000-1:10000
IHC	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture: GTX100863 , Detection: GTX89079

Not tested in other applications.

Calculated MW 35 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	PBS, 1% BSA, 20% 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	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human NANOG. The exact sequence is proprietary.



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

Purification Purified by antigen-affinity chromatography.

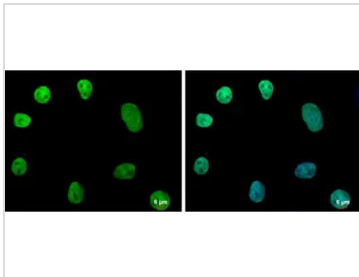
Conjugation Unconjugated

Note

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

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DATA IMAGES



GTX100863 ICC/IF Image

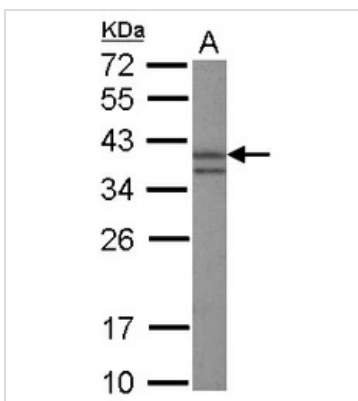
NANOG antibody [N3C3] detects NANOG protein at nucleus by immunofluorescent analysis.

Sample: NT2D1 cells were fixed in 2% paraformaldehyde/culture medium at RT for 30 min.

Green: NANOG protein stained by NANOG antibody [N3C3] (GTX100863) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 6 μ m.



GTX100863 WB Image

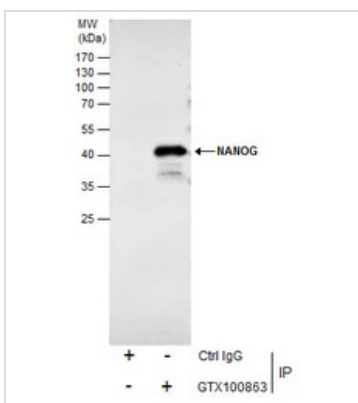
Sample (30 μ g of whole cell lysate)

A: HeLa nucleus

12% SDS PAGE

GTX100863 diluted at 1:3000

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



GTX100863 IP Image

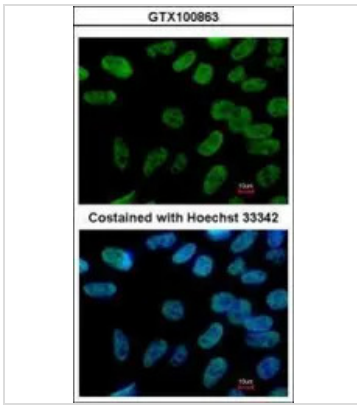
Immunoprecipitation of NANOG protein from NT2D1 whole cell extracts using 5 μ g of NANOG antibody [N3C3] (GTX100863).

Western blot analysis was performed using NANOG antibody [N3C3] (GTX100863) diluted at 1:500.

EasyBlot anti-Rabbit IgG (GTX221666-01) was used as a secondary reagent.

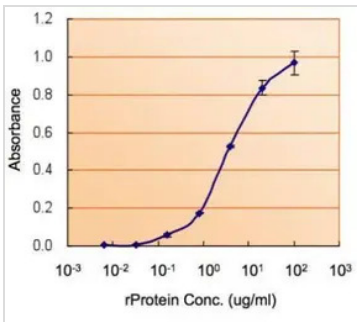


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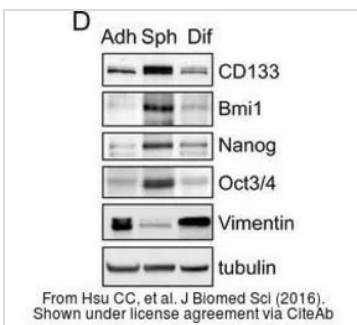
GTX100863 ICC/IF Image

Immunofluorescence analysis of paraformaldehyde-fixed Human ESC, using NANOG(GTX100863) antibody at 1:400 dilution.



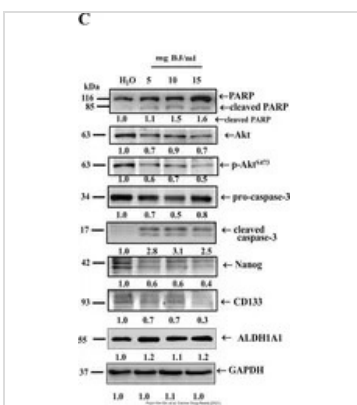
GTX100863 ELISA Image

ELISA detection of NANOG using GTX100863 for capture at a concentration of 5 µg/mL and GTX89079 for detection at a concentration of 5 µg/mL.



GTX100863 WB Image

The data was published in the journal J Biomed Sci in 2016. [PMID: 27863490](https://pubmed.ncbi.nlm.nih.gov/27863490/)

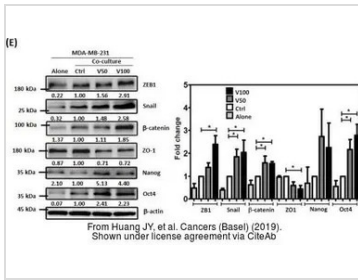


GTX100863 WB Image

The data was published in the 2021 in Cancer Drug Resist. [PMID: 35582384](https://pubmed.ncbi.nlm.nih.gov/35582384/)

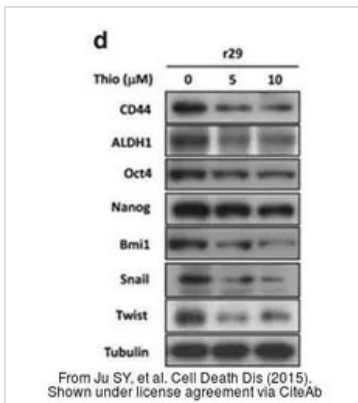


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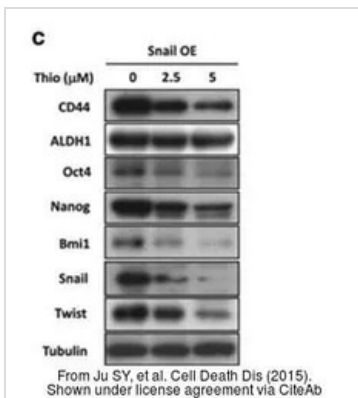
GTX100863 WB Image

The data was published in the 2019 in Cancers (Basel). [PMID: 31861872](#)



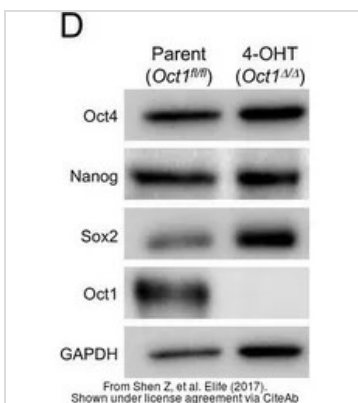
GTX100863 WB Image

The data was published in the journal Cell Death Dis in 2015. [PMID: 26136074](#)



GTX100863 WB Image

The data was published in the journal Cell Death Dis in 2015. [PMID: 26136074](#)

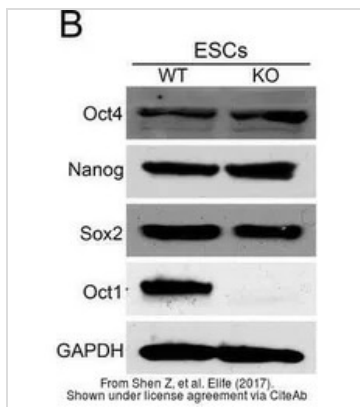


GTX100863 WB Image

The data was published in the journal Elife in 2017.[PMID: 28537559](#)

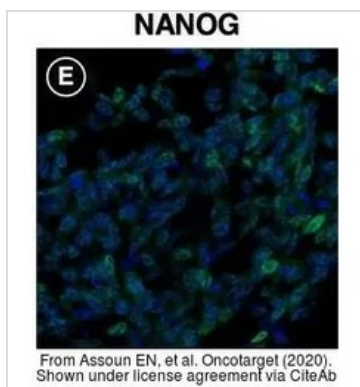


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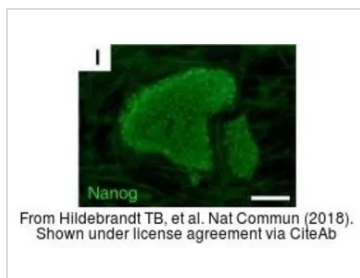
GTx100863 WB Image

The data was published in the journal Elife in 2017. [PMID: 28537559](https://pubmed.ncbi.nlm.nih.gov/28537559/)



GTx100863 ICC/IF Image

The data was published in the journal Oncotarget in 2020. [PMID: 32256979](https://pubmed.ncbi.nlm.nih.gov/32256979/)



GTx100863 ICC/IF Image

The data was published in the journal Nat Commun in 2018. [PMID: 29973581](https://pubmed.ncbi.nlm.nih.gov/29973581/)



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SOX2 antibody [N1C3]

Cat. No. GTX101507

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IHC-Fr, FACS, IP
Reactivity	Human, Mouse, Rat, Frog, Ceratotherium simum

Reference (69)

★ ★ ★ ★ ★ Review (1)

Package

100 µl, 25 µl

PRODUCT

Summary

SOX2 antibody detects SOX2 protein, a basic helix-loop-helix transcription factor (predicted molecular weight of 34 kDa). SOX2 is an indispensable factor for regulating embryonic development and in the generation of inducible pluripotent stem (iPS) cells. It is also expressed in neural stem and progenitor cells. Dysregulation of SOX2 is associated with tumorigenesis.

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000
FACS	1:50-1:200
IP	1:100-1:500

Not tested in other applications.

Calculated MW 34 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	0.15 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human SOX2. The exact sequence is proprietary.



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

Purification Purified by antigen-affinity chromatography.

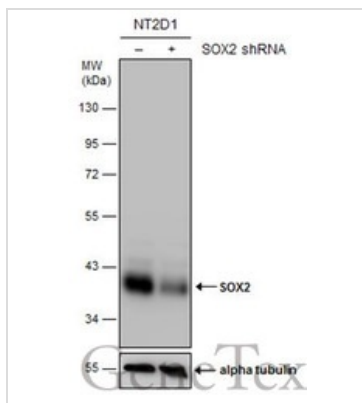
Conjugation Unconjugated

Note

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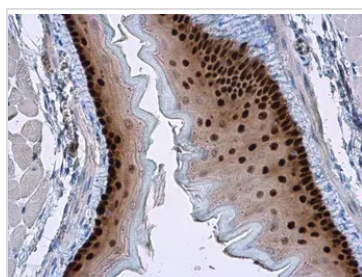
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DATA IMAGES



GTX101507 WB Image

Non-transfected (–) and transfected (+) NT2D1 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with SOX2 antibody [N1C3] (GTX101507) diluted at 1:15000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



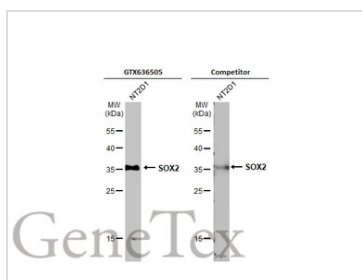
GTX101507 IHC-P Image

SOX2 antibody [N1C3] detects SOX2 protein at nucleus in mouse esophagus by immunohistochemical analysis.

Sample: Paraffin-embedded mouse esophagus.

SOX2 antibody [N1C3] (GTX101507) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



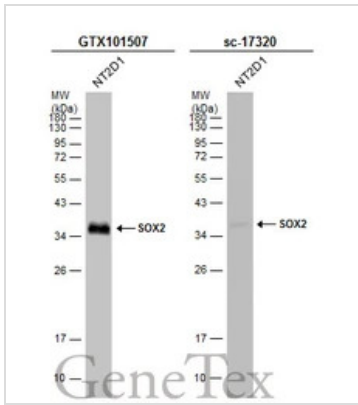
GTX101507 WB Image

Whole cell extract (30 µg) was separated by 12% SDS-PAGE, and the membranes were blotted with SOX2 antibody [N1C3] (GTX101507) diluted at 1:10000 and competitor's antibody (sc-17320) 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.



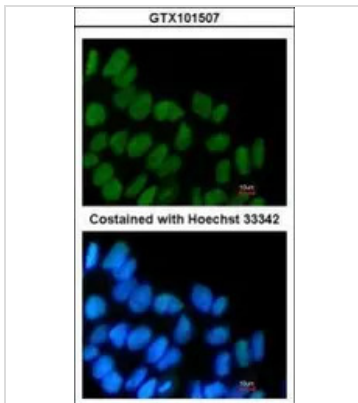
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GTX101507 WB Image

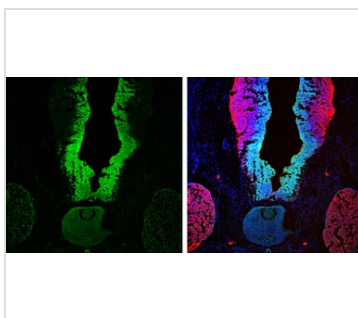
Whole cell extract (30 µg) was separated by 12% SDS-PAGE, and the membranes were blotted with SOX2 antibody [N1C3] (GTX101507) diluted at 1:1000 and competitor's antibody (sc-17320) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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



GTX101507 ICC/IF Image

Immunofluorescence analysis of paraformaldehyde-fixed Human ESC, using SOX2(GTX101507) antibody at 1:160 dilution.



GTX101507 IHC-Fr Image

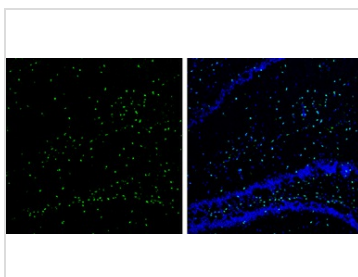
SOX2 antibody [N1C3] detects SOX2 protein at nucleus by immunohistochemical analysis.

Sample: Frozen sectioned E13.5 rat brain.

Green: SOX2 protein stained by SOX2 antibody [N1C3] (GTX101507) diluted at 1:250.

Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTX631836) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).



GTX101507 IHC-Fr Image

SOX2 antibody [N1C3] detects SOX2 protein expression by immunohistochemical analysis.

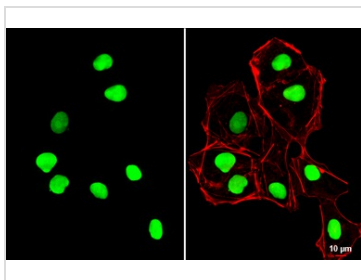
Sample: Frozen-sectioned adult mouse hippocampus.

Green: SOX2 protein stained by SOX2 antibody [N1C3] (GTX101507) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).



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GTXT101507 ICC/IF Image

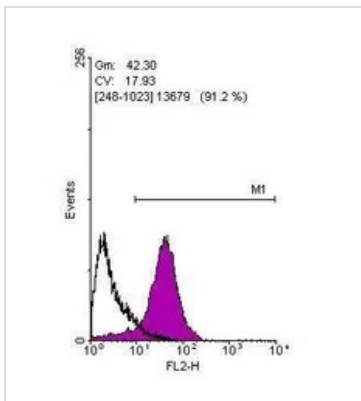
SOX2 antibody [N1C3] detects SOX2 protein at nucleus by immunofluorescent analysis.

Sample: NT2D1 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: SOX2 stained by SOX2 antibody [N1C3] (GTXT101507) diluted at 1:500.

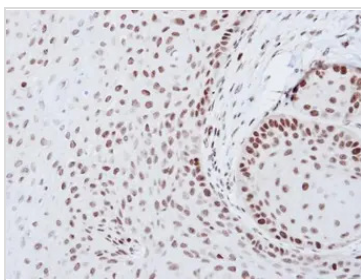
Red: phalloidin, a cytoskeleton marker, diluted at 1:100.

Scale bar= 10 μ m.



GTXT101507 FACS Image

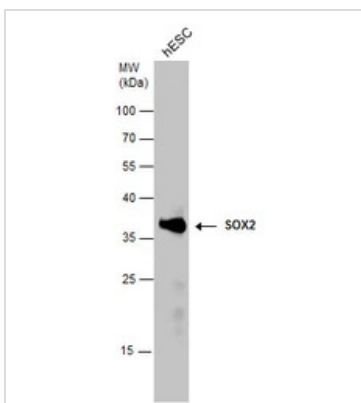
Flow cytometry on human embryonic stem cells, staining with SOX2 (GTXT101507) antibody at 1:100 dilution (purple) or rabbit IgG (black).



GTXT101507 IHC-P Image

Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using SOX2 (GTXT101507) antibody at 1:100 dilution.

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

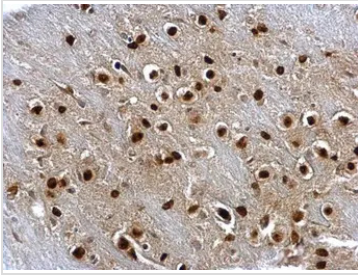


GTXT101507 WB Image

SOX2 antibody detects SOX2 protein by Western blot analysis. Whole cell extracts (30 μ g) was separated by 12% SDS-PAGE, and the membrane was blotted with SOX2 antibody (GTXT101507) at a dilution of 1:2500.



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

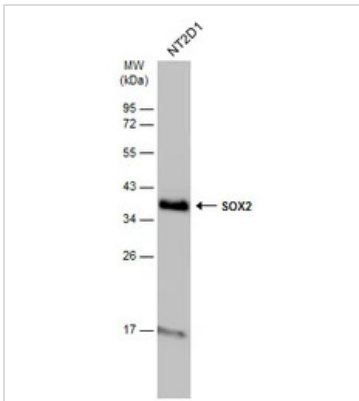

GTx101507 IHC-P Image

SOX2 antibody [N1C3] detects SOX2 protein at nucleus on rat brain stem by immunohistochemical analysis.

Sample: Paraffin-embedded rat brain stem.

SOX2 antibody [N1C3] (GTx101507) dilution: 1:500.

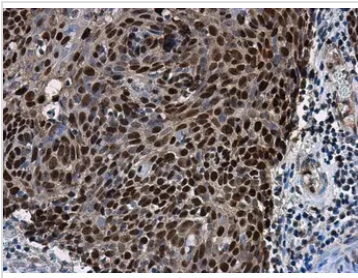
Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min


GTx101507 WB Image

Whole cell extract (30 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with SOX2

antibody [N1C3] (GTx101507) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody

(GTx213110-01) was used to detect the primary antibody.

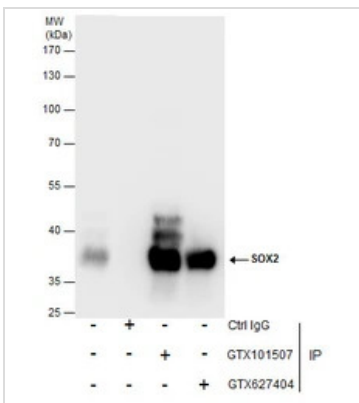

GTx101507 IHC-P Image

SOX2 antibody [N1C3] detects SOX2 protein at nucleus in human cervical carcinoma by immunohistochemical analysis.

Sample: Paraffin-embedded human cervical carcinoma.

SOX2 antibody [N1C3] (GTx101507) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTx101507 IP Image

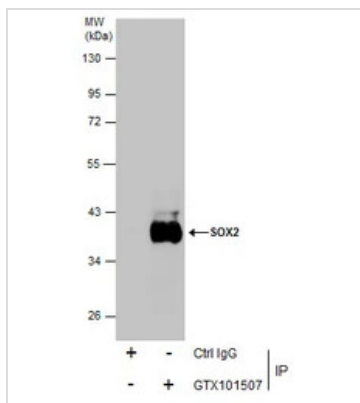
Immunoprecipitation of SOX2 protein from NT2D1 whole cell extracts using 5 µg of SOX2 antibody [N1C3] (GTx101507) or SOX2 antibody [GT1876] (GTx627404).

Western blot analysis was performed using SOX2 antibody [N1C3] (GTx101507) diluted at 1:500.

EasyBlot anti-Rabbit IgG (GTx221666-01) was used as a secondary reagent.



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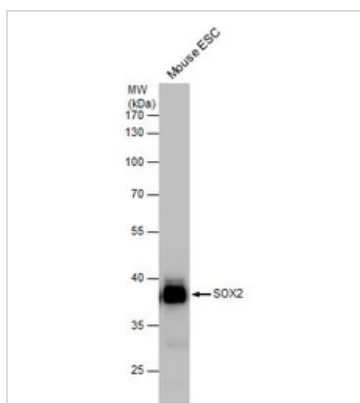


GTX101507 IP Image

Immunoprecipitation of SOX2 protein from NT2D1 whole cell extracts using 5 µg of SOX2 antibody [N1C3] (GTX101507).

Western blot analysis was performed using SOX2 antibody [N1C3] (GTX101507).

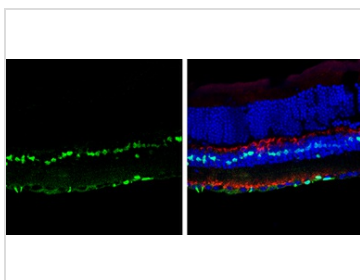
EasyBlot anti-Rabbit IgG (GTX221666-01) was used as a secondary reagent.



GTX101507 WB Image

SOX2 antibody detects SOX2 protein by western blot analysis. Mouse ESC lysate (50 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with SOX2 antibody (GTX101507) at a dilution of 1:2500.

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



GTX101507 IHC-Fr Image

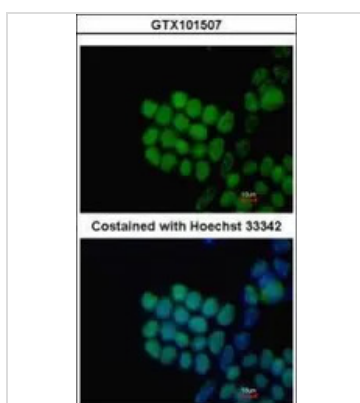
SOX2 antibody [N1C3] detects SOX2 protein at nucleus by immunohistochemical analysis.

Sample: Frozen sectioned adult mouse retina.

Green: SOX2 protein stained by SOX2 antibody [N1C3] (GTX101507) diluted at 1:250.

Red: Protein kinase C alpha staining.

Blue: Fluoroshield with DAPI (GTX30920).

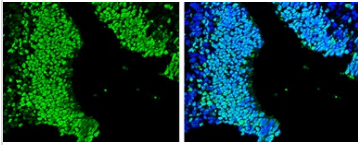


GTX101507 ICC/IF Image

Immunofluorescence analysis of paraformaldehyde-fixed mouse ESC, using SOX2(GTX101507) antibody at 1:80 dilution.



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GTK101507 IHC-P Image

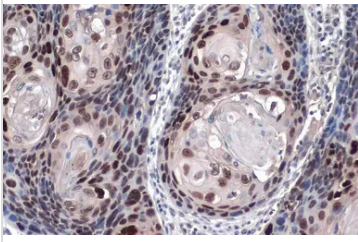
SOX2 antibody [N1C3] detects SOX2 protein at nucleus in mouse fetal brain by immunohistochemical analysis.

Sample: Paraffin-embedded mouse fetal brain.

Green: SOX2 antibody [N1C3] (GTK101507) diluted at 1:200. The signal was developed using goat anti-rabbit IgG antibody (Dylight488) (GTK213110-04).

Blue: Nuclear staining with Hoechst 33342.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

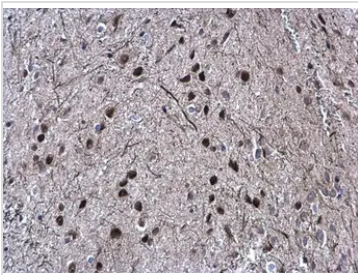

GTK101507 IHC-P Image

SOX2 antibody [N1C3] detects SOX2 protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded human esophageal carcinoma.

SOX2 stained by SOX2 antibody [N1C3] (GTK101507) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

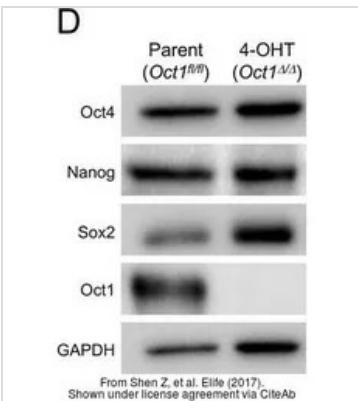

GTK101507 IHC-P Image

SOX2 antibody [N1C3] detects SOX2 protein at nucleus on mouse fore brain by immunohistochemical analysis.

Sample: Paraffin-embedded mouse fore brain.

SOX2 antibody [N1C3] (GTK101507) diluted at 1:500.

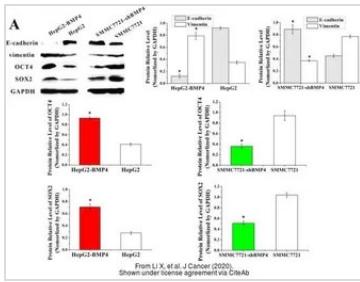
Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min


GTK101507 WB Image

The data was published in the journal Elife in 2017. [PMID: 28537559](https://doi.org/10.7554/elifesciences.28537)

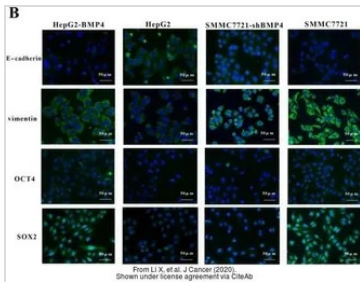


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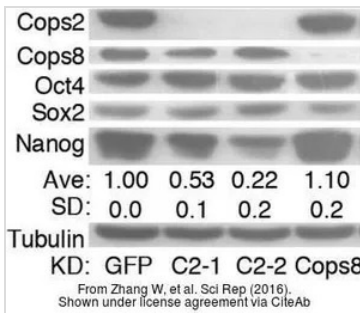
GTx101507 WB Image

The data was published in the journal J Cancer in 2020. [PMID: 32201526](https://pubmed.ncbi.nlm.nih.gov/32201526/)



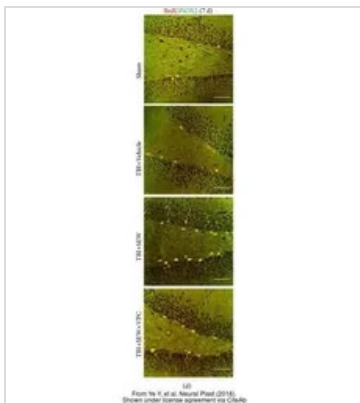
GTx101507 ICC/IF Image

The data was published in the journal J Cancer in 2020. [PMID: 32201526](https://pubmed.ncbi.nlm.nih.gov/32201526/)



GTx101507 WB Image

The data was published in the journal Sci Rep in 2016. [PMID: 27226076](https://pubmed.ncbi.nlm.nih.gov/27226076/)

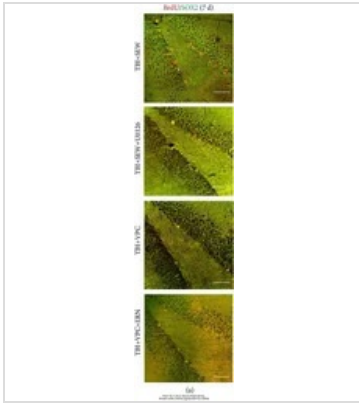


GTx101507 IHC-P Image

The data was published in the journal Neural Plast in 2016. [PMID: 28018679](https://pubmed.ncbi.nlm.nih.gov/28018679/)

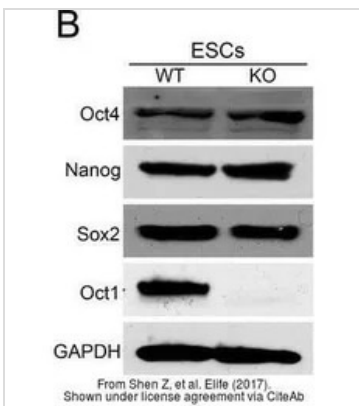


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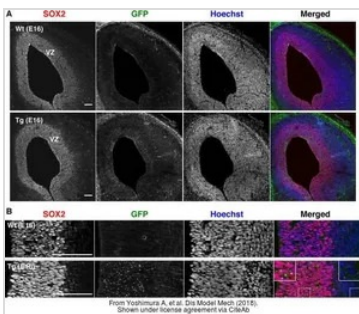
GTX101507 IHC-P Image

The data was published in the journal Neural Plast in 2016.[PMID: 28018679](#)



GTX101507 WB Image

The data was published in the journal Elife in 2017.[PMID: 28537559](#)



GTX101507 IHC-Fr Image

The data was published in the journal Dis Model Mech in 2018.[PMID: 29208635](#)

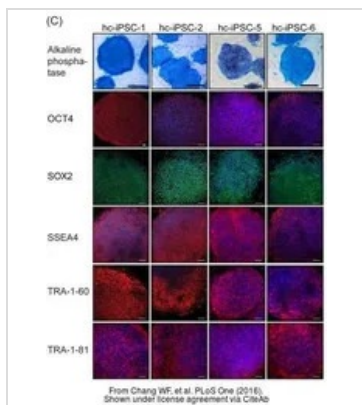


GTX101507 ICC/IF Image

The data was published in the journal Nat Commun in 2018.[PMID: 29973581](#)

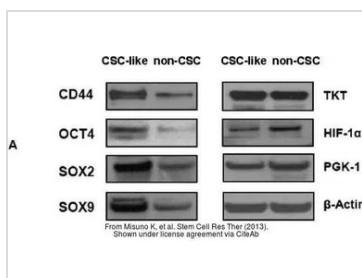


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GTX101507 ICC/IF Image

The data was published in the journal PLoS One in 2016. [PMID: 27802323](https://pubmed.ncbi.nlm.nih.gov/27802323/)



GTX101507 WB Image

The data was published in the journal Stem Cell Res Ther in 2013. [PMID: 24423398](https://pubmed.ncbi.nlm.nih.gov/24423398/)



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Lin28A antibody

Cat. No. GTX121923

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, FACS
Reactivity	Human, Mouse, Pig

Reference (1)

★★★★☆ Review (1)

Package

100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:10000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000
FACS	1:50-1:200

Not tested in other applications.

Calculated MW 23 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Lin28A. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



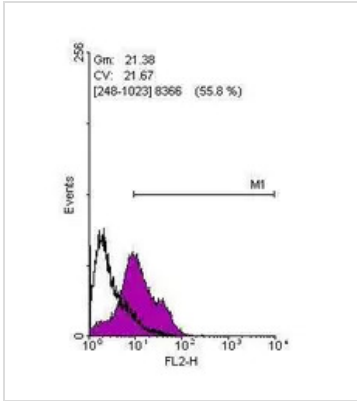
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Note

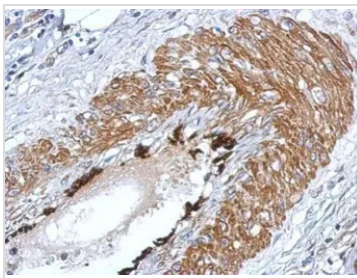
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DATA IMAGES



GTX121923 FACS Image

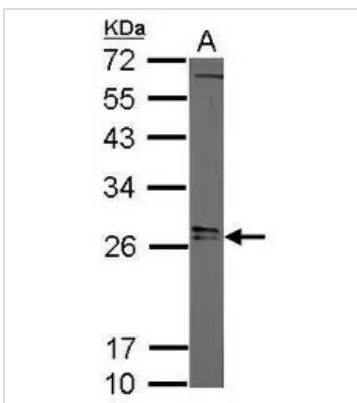
Flow cytometry on human embryonic stem cells, staining with Lin28A (GTX121923)antibody at 1:100 dilution(purple) or rabbit IgG (black).



GTX121923 IHC-P Image

Immunohistochemical analysis of paraffin-embedded human gastric cancer, using Lin28A antibody(GTX121923) antibody at 1:500 dilution.

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



GTX121923 WB Image

Sample (20 µg of whole cell lysate)

A: mouse ESC

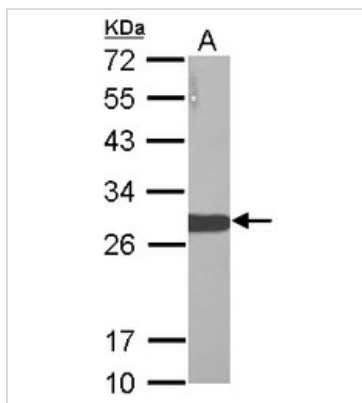
12% SDS PAGE

GTX121923 diluted at 1:3000

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



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GTX121923 WB Image

Sample (20 µg of whole cell lysate)

A: hESC

12% SDS PAGE

GTX121923 diluted at 1:5000

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



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Goat Anti-Rabbit IgG antibody (HRP)

Cat. No. GTX213110-01

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

Reference (501)
Package
1 ml

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
IHC-P	1:100-1:1000
ELISA	Assay dependent

Not tested in other applications.

PROPERTIES

Form	Liquid
Buffer	0.05M Tris, 0.15M NaCl, 1%BSA
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	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Highly purified whole rabbit IgG
Purification	Purified by antigen-affinity chromatography.
Conjugation	Horseradish peroxidase(HRP)

Note

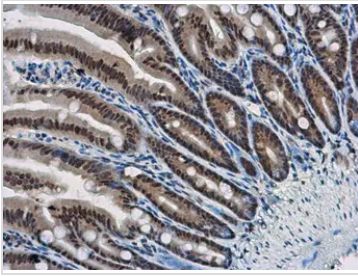
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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DATA IMAGES



GTx213110-01 IHC-P Image

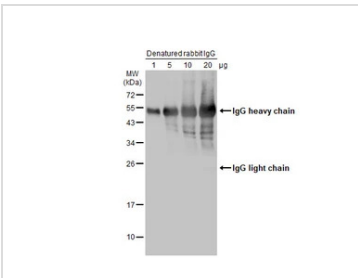
WBP11 antibody detects WBP11 protein at nucleus in mouse intestine by immunohistochemical analysis.

Sample: Paraffin-embedded mouse intestine.

WBP11 antibody (GTx118654) diluted at 1:500.

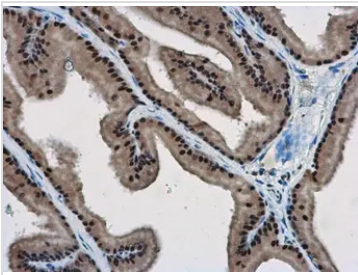
The signal was developed by Rabbit IgG antibody (HRP) (GTx213110-01)

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

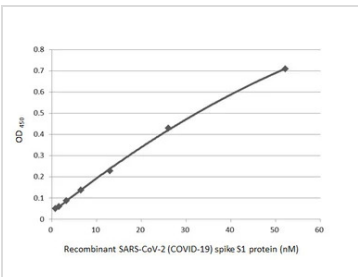
WBP11 antibody detects WBP11 protein at nucleus in rat prostate by immunohistochemical analysis.

Sample: Paraffin-embedded rat prostate.

WBP11 antibody (GTx118654) diluted at 1:500.

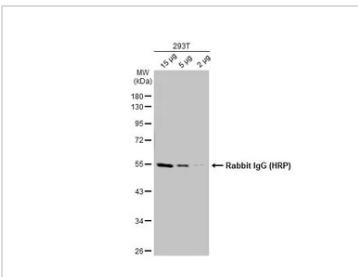
The signal was developed by Rabbit IgG antibody (HRP) (GTx213110-01).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTx213110-01 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.

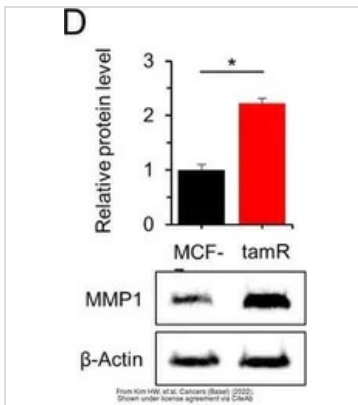


GTx213110-01 WB Image

Various whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with Rabbit IgG antibody (HRP) (GTx213110-01) diluted at 1:10000.

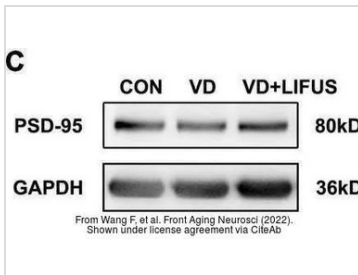


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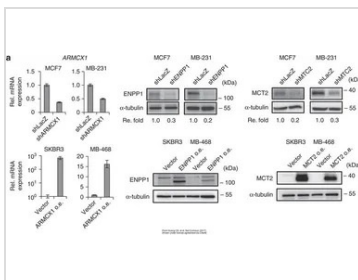
GTx213110-01 WB Image

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



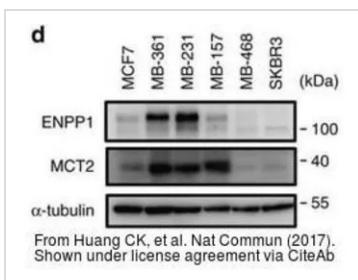
GTx213110-01 WB Image

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](#)

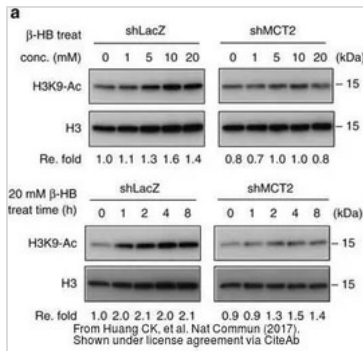


GTx213110-01 WB Image

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

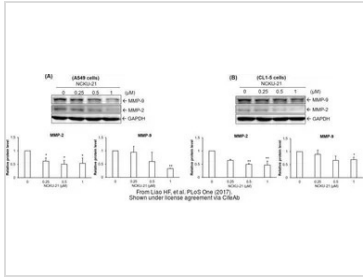


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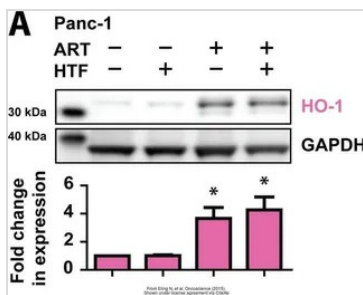
GTX213110-01 WB Image

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



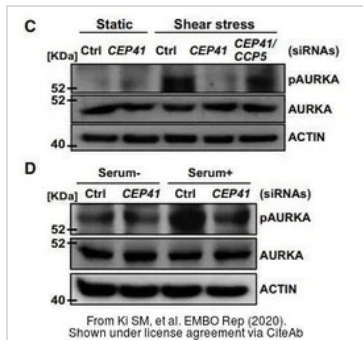
GTX213110-01 WB Image

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



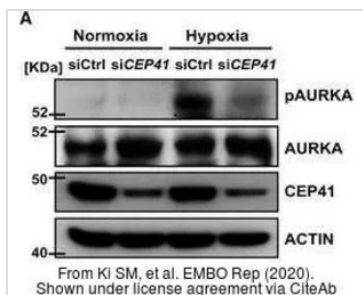
GTX213110-01 WB Image

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](#)

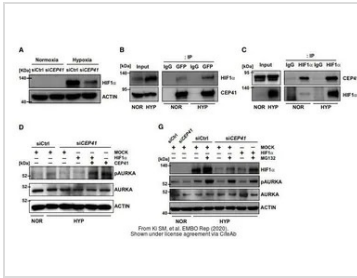


GTX213110-01 WB Image

The data was published in the journal EMBO Rep in 2020. [PMID: 31885126](#)

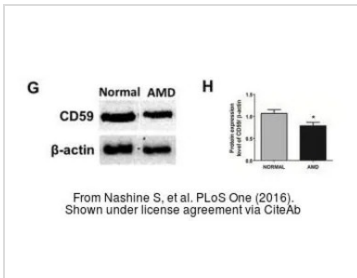


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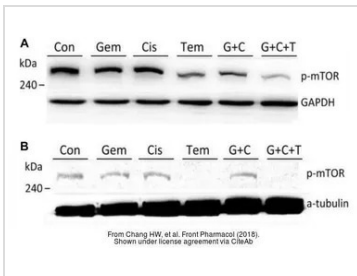
GTx213110-01 WB Image

The data was published in the journal EMBO Rep in 2020. [PMID: 31885126](#)



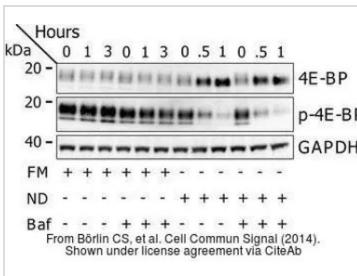
GTx213110-01 WB Image

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



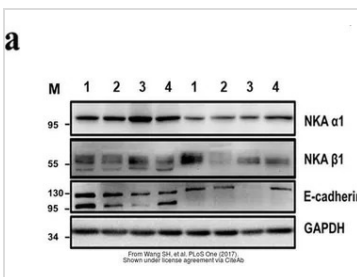
GTx213110-01 WB Image

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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SSEA-4 antibody [MC-813-70]

Cat. No. GTX48037

Host	Mouse
Clonality	Monoclonal
Isotype	IgG3
Application	WB, ICC/IF, IHC-P, FACS, IP, IHC
Reactivity	Human

Reference (4)
Package
100 µg

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-P	Assay dependent
FACS	Assay dependent
IP	Assay dependent
IHC	Assay dependent

Not tested in other applications.

PROPERTIES

Form	Liquid
Buffer	PBS, 0.05% BSA
Preservative	0.05% Sodium azide
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	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Human embryonal carcinoma cell line 2102Ep
Purification	Purified by affinity chromatography
Conjugation	Unconjugated



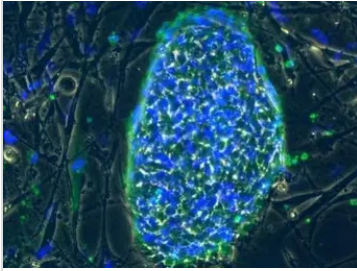
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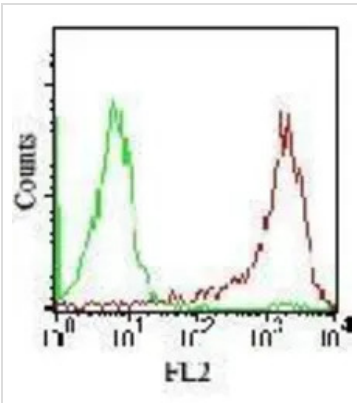
DATA IMAGES



GTX48037 ICC/IF Image

ICC/IF analysis of H9 cells using GTX48037 SSEA-4 antibody.

Green : Primary antibody



GTX48037 FACS Image

FACS analysis of 2102Ep cells using GTX48037 SSEA-4 antibody.

Red : Primary antibody

Green : Isotype control

Antibody amount : 0.1 ug



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