

GTX300093

Methyl-Histone H3 Antibody Panel

Product Content

Cat No	Product Name	Reactivity	Application	Package
GTX121184	Histone H3K27me3 (Tri-methyl Lys27) antibody	Human, Mouse, Rat, Zebrafish	WB, ICC/IF, IHC-P, IHC-Fr, IHC-Wm, Dot, EM	25 µl
GTX121677	Histone H3K9me3 (Tri-methyl Lys9) antibody	Human, Mouse, Rat, Dog	WB, ICC/IF, IHC-P, IP, ChIP assay, EM	25 µl
GTX121915	Histone H3K4me2 (Di-methyl Lys4) antibody	Human	WB, ICC/IF, IHC-P, IP, ChIP assay	25 µl
GTX122148	Histone H3 antibody	Human, Mouse, Rat, Drosophila, Pig, Monkey, Fungi, Golden Syrian Hamster, Rice	WB, ICC/IF, IHC-P, IP, ChIP assay, IHC	25 µl
GTX213110-01	Goat Anti-Rabbit IgG antibody (HRP)	Rabbit	WB, IHC-P, ELISA	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](#).

Histone H3K27me3 (Tri-methyl Lys27) antibody

Cat. No. GTX121184

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IHC-Fr, IHC-Wm, Dot, EM
Reactivity	Human, Mouse, Rat, Zebrafish

Reference (11)

★★★★★ Review (3)

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	1:100-1:1000
IHC-Fr	1:100-1:1000
IHC-Wm	1:100-1:500
Dot	Assay dependent
EM	Assay dependent

Not tested in other applications.

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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding tri-methyl Lys27 of human Histone H3. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



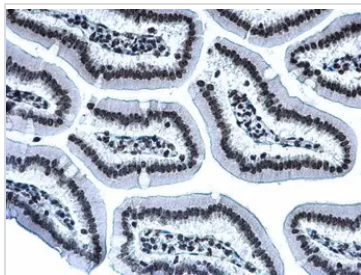
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Note

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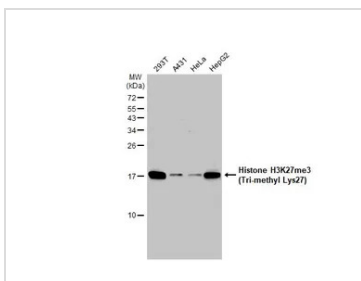
DATA IMAGES

GTx121184 IHC-P Image

Histone H3K27me3 (trimethyl Lys27) antibody detects Histone H3K27me3 (trimethyl Lys27) protein at nucleus on mouse duodenum by immunohistochemical analysis.

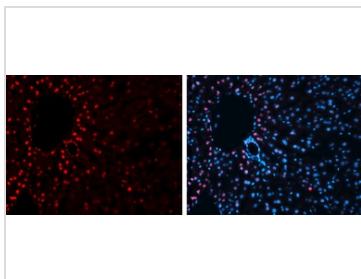
Sample: Paraffin-embedded mouse duodenum.

Histone H3K27me3 (trimethyl Lys27) antibody (GTx121184) diluted at 1:500.

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


GTx121184 WB Image

Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H3K27me3 (Tri-methyl Lys27) antibody (GTx121184) 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.

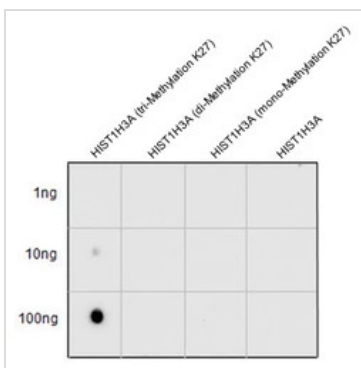

GTx121184 IHC-Fr Image

Immunofluorescence photomicrographs of frozen sections of mouse liver.

Red: Histone H3K27me3 (trimethyl Lys27) antibody (GTx121184) diluted at 1:200. The signal was developed using goat anti-rabbit IgG antibody (Dylight594) (GTx213110-05).

Blue: Nuclear staining with Hoechst 33342.

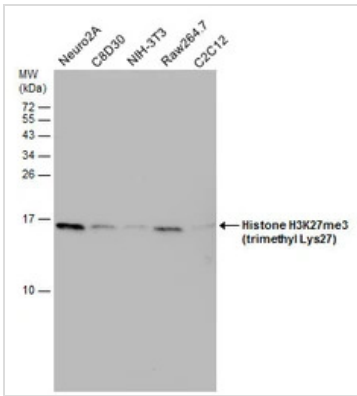
Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min


GTx121184 Dot Image

Various peptide samples were spotted onto positively charged nylon membrane, and blotted with Histone H3 (tri-Methyl Lys27) antibody (GTx121184) diluted at 1:2500.

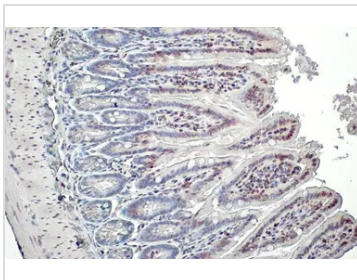


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GTX121184 WB Image

Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H3K27me3 (trimethyl Lys27) antibody (GTX121184) diluted at 1:1000.



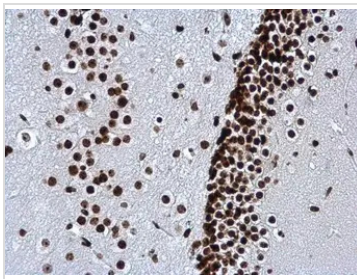
GTX121184 IHC-P Image

Histone H3K27me3 (Tri-methyl Lys27) antibody detects Histone H3K27me3 (Tri-methyl Lys27) protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded mouse intestine.

Histone H3K27me3 (Tri-methyl Lys27) stained by Histone H3K27me3 (Tri-methyl Lys27) antibody (GTX121184) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



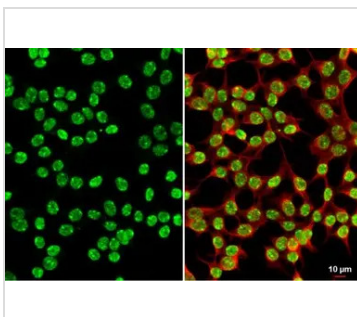
GTX121184 IHC-P Image

Histone H3K27me3 (trimethyl Lys27) antibody detects Histone H3K27me3 (trimethyl Lys27) protein at nucleus in mouse brain by immunohistochemical analysis.

Sample: Paraffin-embedded mouse brain.

Histone H3K27me3 (trimethyl Lys27) antibody (GTX121184) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



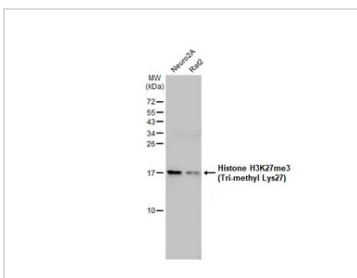
GTX121184 ICC/IF Image

Histone H3K27me3 (Tri-methyl Lys27) antibody detects Histone H3K27me3 (Tri-methyl Lys27) protein at nucleus by immunofluorescent analysis.

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

Green: Histone H3K27me3 (Tri-methyl Lys27) stained by Histone H3K27me3 (Tri-methyl Lys27) antibody (GTX121184) diluted at 1:500.

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

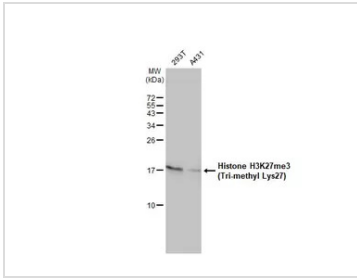


GTX121184 WB Image

Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H3K27me3 (Tri-methyl Lys27) antibody (GTX121184) 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.

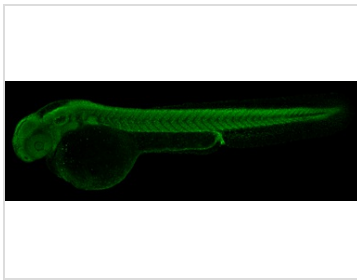


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GTX121184 WB Image

Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H3K27me3 (Tri-methyl Lys27) antibody (GTX121184) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

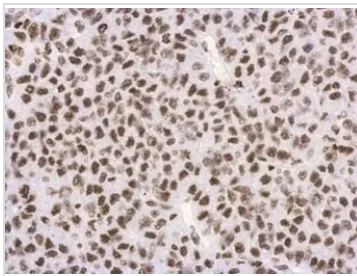


GTX121184 IHC-Wm Image

Histone H3K27me3 (trimethyl Lys27) antibody detects Histone H3K27me3 (trimethyl Lys27) protein on zebrafish by whole mount immunohistochemical analysis.

Sample: Paraformaldehyde-fixed 2 day-post-fertilization zebrafish embryo.

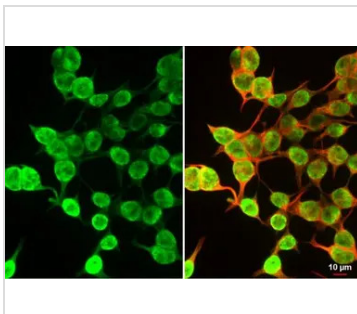
Histone H3K27me3 (trimethyl Lys27) antibody (GTX121184) dilution: 1:100.



GTX121184 IHC-P Image

Immunohistochemical analysis of paraffin-embedded Hela xenograft, using Histon H3 (tri-Methyl K27) (GTX121184) antibody at 1:500 dilution.

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



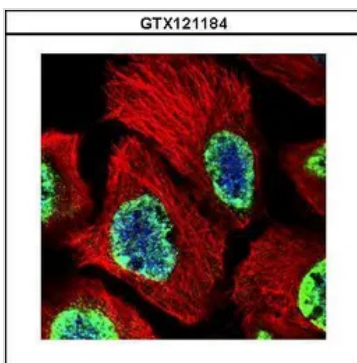
GTX121184 ICC/IF Image

Histone H3K27me3 (Tri-methyl Lys27) antibody detects Histone H3K27me3 (Tri-methyl Lys27) protein at nucleus by immunofluorescent analysis.

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

Green: Histone H3K27me3 (Tri-methyl Lys27) stained by Histone H3K27me3 (Tri-methyl Lys27) antibody (GTX121184) diluted at 1:500.

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

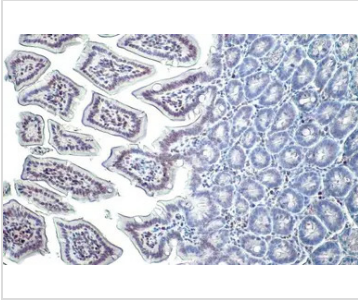


GTX121184 ICC/IF Image

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed A431, using Histone H3 (tri-Methyl K27)(GTX121184) antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with GTX11304 (Red) at 1:2000.



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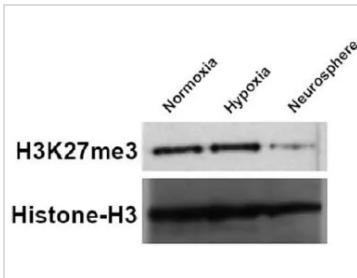
GTX121184 IHC-P Image

Histone H3K27me3 (Tri-methyl Lys27) antibody detects Histone H3K27me3 (Tri-methyl Lys27) protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded mouse intestine.

Histone H3K27me3 (Tri-methyl Lys27) stained by Histone H3K27me3 (Tri-methyl Lys27) antibody (GTX121184) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX121184 WB Image

U87 cells were grown under normoxic (DMEM 10% FBS, 16% O₂), hypoxic (DMEM 10% FBS, 1% O₂), and neurosphere conditions (DMEM/F12, B-27 supplement, growth factor (10ng/ml FGF and 20ng/ml EGF)).

Cell lysate were Western blotted for H3K27me3 and Histone-H3 (loading control). The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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Histone H3K9me3 (Tri-methyl Lys9) antibody

Cat. No. GTX121677

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IP, ChIP assay, EM
Reactivity	Human, Mouse, Rat, Dog

Reference (8)

★★★★★ Review (2)

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	1:100-1:1000
IP	1:100-1:1000
ChIP assay	Assay dependent
EM	Assay dependent

Not tested in other applications.

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	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding tri-methyl Lys9 of human Histone H3. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



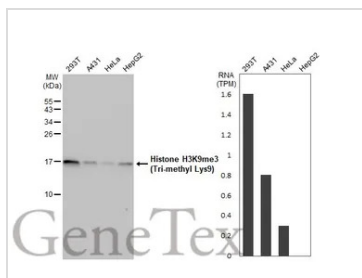
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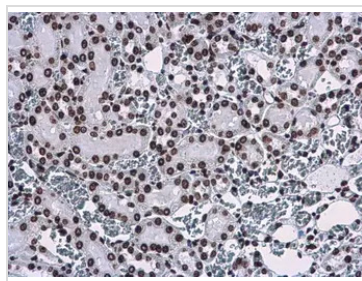
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DATA IMAGES

GTX121677 WB Image

Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H3K9me3 (Tri-methyl Lys9) antibody (GTX121677) 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.

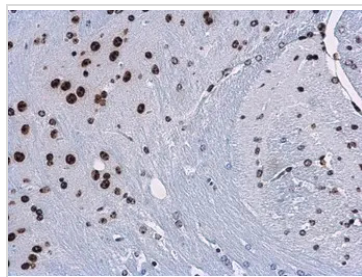

GTX121677 IHC-P Image

Histone H3K9me3 (trimethyl Lys9) antibody detects Histone H3K9me3 (trimethyl Lys9) protein at nucleus in rat kidney by immunohistochemical analysis.

Sample: Paraffin-embedded rat kidney.

Histone H3K9me3 (trimethyl Lys9) antibody (GTX121677) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

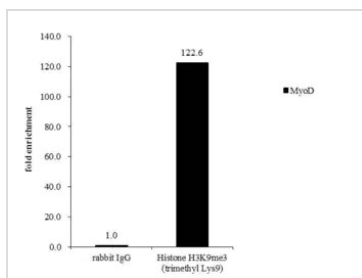

GTX121677 IHC-P Image

Histone H3K9me3 (trimethyl Lys9) antibody detects Histone H3K9me3 (trimethyl Lys9) protein at nucleus in mouse brain by immunohistochemical analysis.

Sample: Paraffin-embedded mouse brain.

Histone H3K9me3 (trimethyl Lys9) antibody (GTX121677) diluted at 1:500.

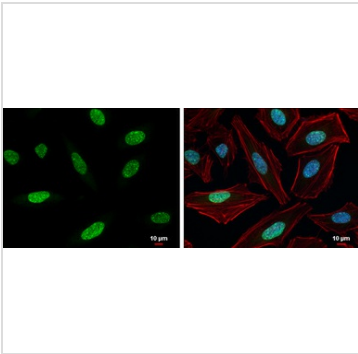
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX121677 ChIP assay Image

Cross-linked ChIP was performed with HepG2 chromatin extract and 5 µg of either normal rabbit IgG or anti-Histone H3K9me3 (trimethyl Lys9) antibody. The precipitated DNA was detected by PCR with primer set targeting to MyoD.



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GTX121677 ICC/IF Image

Histone H3K9me3 (trimethyl Lys9) antibody detects Histone H3K9me3 (trimethyl Lys9) protein at nucleus by immunofluorescent analysis.

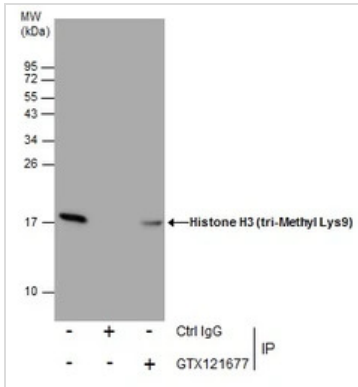
Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Histone H3K9me3 (trimethyl Lys9) protein stained by Histone H3K9me3 (trimethyl Lys9) antibody (GTX121677) diluted at 1:500.

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

Blue: Hoechst 33342 staining.

Scale bar = 10 μm.



GTX121677 IP Image

Immunoprecipitation of Histone H3 (tri-Methyl Lys9) protein from 293T whole cell extracts using 5 μg of Histone H3 (tri-Methyl Lys9) (GTX121677).

Western blot analysis was performed using Histone H3 (tri-Methyl Lys9) (GTX121677) diluted at 1:500.

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



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

Histone H3K4me2 (Di-methyl Lys4) antibody

Cat. No. GTX121915

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IP, ChIP assay
Reactivity	Human

Reference (3)
Package
100 µl, 25 µl

APPLICATION

Application Note

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

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

Not tested in other applications.

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	0.52 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding di-methyl Lys4 of human Histone H3. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

Note

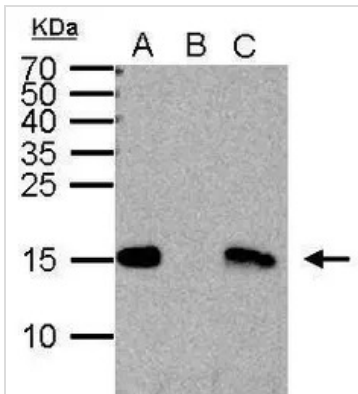
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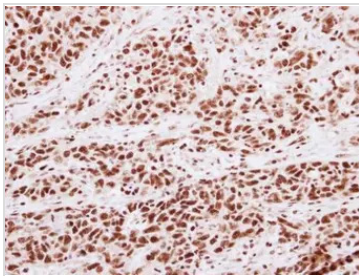
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DATA IMAGES



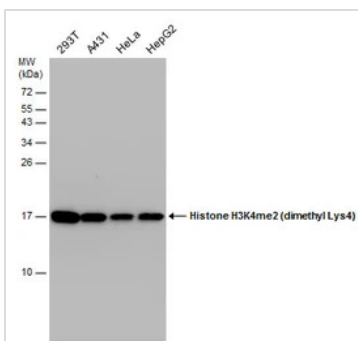
GTX121915 IP Image

Histone H3 (di-methyl Lys4) antibody immunoprecipitates Histone H3 (di-methyl Lys4) protein in IP experiments. IP Sample: 1000 µg HeLa whole cell lysate/extract A. 50 µg HeLa whole cell lysate/extract B. Control with 2 µg of preimmune rabbit IgG C. Immunoprecipitation of Histone H3 (di-methyl Lys4) protein by 2 µg of Histone H3 (di-methyl Lys4) antibody (GTX121915) 15% SDS-PAGE The immunoprecipitated Histone H3 (di-methyl Lys4) protein was detected by Histone H3 (di-methyl Lys4) antibody (GTX121915) diluted at 1:1000. EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent.



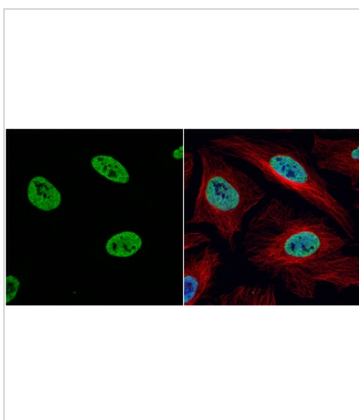
GTX121915 IHC-P Image

Immunohistochemical analysis of paraffin-embedded human lung adenocarcinoma, using Histone H3 (di-Methyl K4)(GTX121915) antibody at 1:250 dilution.
Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



GTX121915 WB Image

Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H3K4me2 (dimethyl Lys4) antibody (GTX121915) diluted at 1:5000.



GTX121915 ICC/IF Image

Histone H3K4me2 (dimethyl Lys4) antibody detects Histone H3K4me2 (dimethyl Lys4) protein at nucleus by immunofluorescent analysis.

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

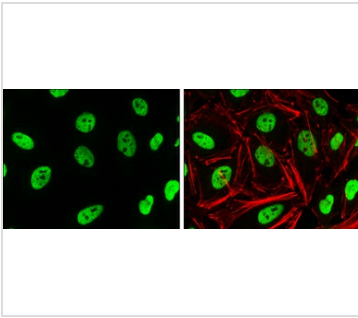
Green: Histone H3K4me2 (dimethyl Lys4) protein stained by Histone H3K4me2 (dimethyl Lys4) antibody (GTX121915) diluted at 1:1000.

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

Blue: Hoechst 33342 staining.



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



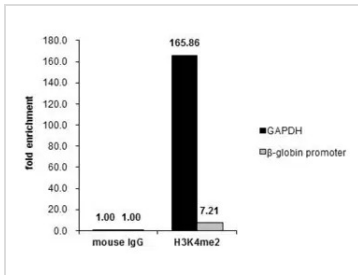
GTX121915 ICC/IF Image

Histone H3K4me2 (dimethyl Lys4) antibody detects Histone H3K4me2 (dimethyl Lys4) protein at nucleus by immunofluorescent analysis.

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

Green: Histone H3K4me2 (dimethyl Lys4) protein stained by Histone H3K4me2 (dimethyl Lys4) antibody (GTX121915) diluted at 1:1000.

Red: phalloidin, a cytoskeleton marker, diluted at 1:50.



GTX121915 ChIP assay Image

Cross-linked ChIP was performed with HeLa chromatin extract and 5 µg of either control rabbit IgG or anti-Histone H3K4me2 (dimethyl Lys4) antibody. The precipitated DNA was detected by PCR with primer set targeting to GAPDH or β-globin promoter.



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

Histone H3 antibody

Cat. No. GTX122148

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IP, ChIP assay, IHC
Reactivity	Human, Mouse, Rat, Drosophila, Pig, Monkey, Fungi, Golden Syrian Hamster, Rice

Reference (69)

★★★★★ Review (9)

Package

100 µl, 25 µl

PRODUCT

Summary

Histone H3 antibody detects histone H3, a core component of the histone octamer in the context of the nucleosome. Like other histones, H3 is posttranslationally modified to impact epigenetic gene regulation. It is also highly conserved in eukaryotes, and therefore is used as an internal control for western blots or as a nuclear marker when conducting immunostaining.

APPLICATION

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	1:100-1:500
ChIP assay	Assay dependent
IHC	Assay dependent

Not tested in other applications.

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	0.9 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human Histone H3. The exact sequence is proprietary.



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

Purification Purified by antigen-affinity chromatography.

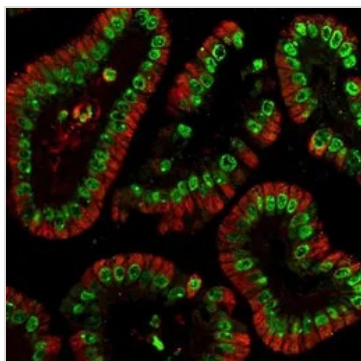
Conjugation Unconjugated

Note

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DATA IMAGES



GTx122148 IHC-P Image

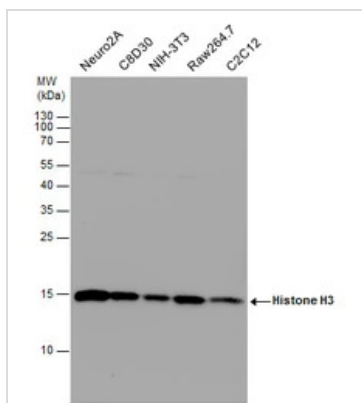
Histone H3 antibody detects Histone H3 protein at nucleus in mouse colon by immunohistochemical analysis.

Sample: Paraffin-embedded mouse colon.

Green: Histone H3 antibody (GTx122148) diluted at 1:500.

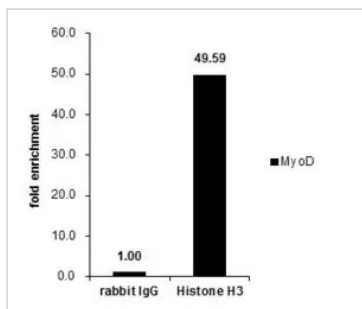
Red: alpha Tubulin antibody [GT114] (GTx628802) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTx122148 WB Image

Histone H3 antibody detects Histone H3 protein by western blot analysis. Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H3 antibody (GTx122148) diluted at a dilution of 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

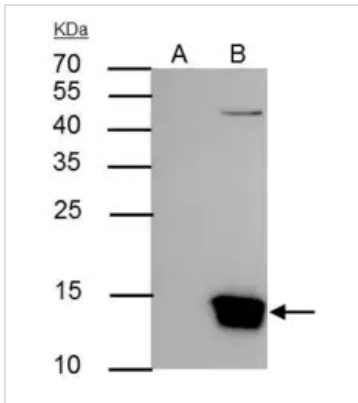


GTx122148 ChIP assay Image

Cross-linked ChIP was performed with HeLa chromatin extract and 5 µg of either control rabbit IgG or anti-Histone H3 antibody. The precipitated DNA was detected by PCR with primer set targeting to MyoD.

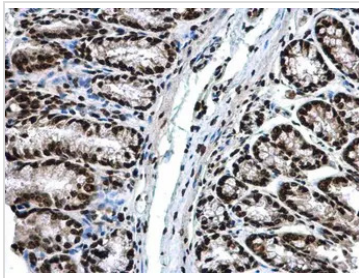


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GTX122148 IP Image

Histone H3 antibody immunoprecipitates Histone H3 protein in IP experiments. IP Sample: Raji whole cell lysate/extract A : Control with 3 µg of pre-immune rabbit IgG B : Immunoprecipitation of Histone H3 by 3 µg of Histone H3 antibody (GTX122148) 15% SDS-PAGE The immunoprecipitated Histone H3 protein was detected by Histone H3 antibody (GTX122148) diluted at 1:5000. EasyBlot anti-rabbit IgG (HRP) (GTX221666-01) was used as a secondary reagent.



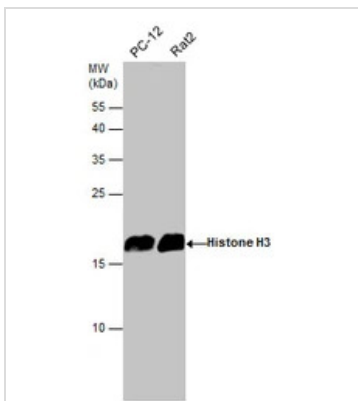
GTX122148 IHC-P Image

Histone H3 antibody detects Histone H3 protein at nucleus in mouse colon by immunohistochemical analysis.

Sample: Paraffin-embedded mouse colon.

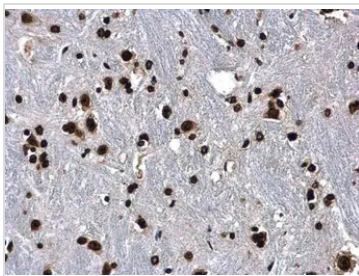
Histone H3 antibody (GTX122148) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX122148 WB Image

Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H3 antibody (GTX122148) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX122148 IHC-P Image

Histone H3 antibody detects Histone H3 protein at nucleus in mouse brain by immunohistochemical analysis.

Sample: Paraffin-embedded mouse brain.

Histone H3 antibody (GTX122148) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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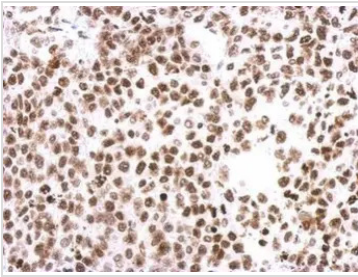

GTX122148 ICC/IF Image

Histone H3 antibody detects Histone H3 protein at nucleus by immunofluorescent analysis.

Sample: A431 cells were fixed in ice-cold MeOH for 5 min.

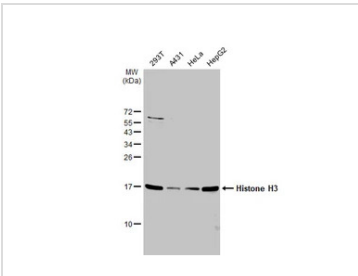
Green: Histone H3 protein stained by Histone H3 antibody (GTX122148) diluted at 1:500.

Blue: Hoechst 33342 staining.

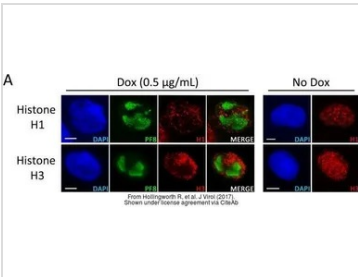

GTX122148 IHC-P Image

Immunohistochemical analysis of paraffin-embedded Hela xenograft, using Histone H3(GTX122148) antibody at 1:500 dilution.

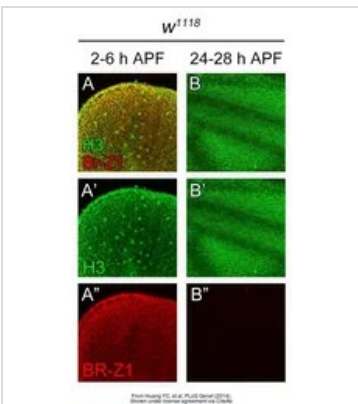
Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min


GTX122148 WB Image

Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H3 antibody (GTX122148) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX122148 ICC/IF Image

The data was published in the journal J Virol in 2017. [PMID: 28855246](#)


GTX122148 IHC Image

The data was published in the journal PLoS Genet in 2014. [PMID: 25393278](#)



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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 (496)

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

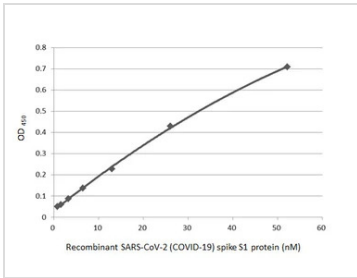
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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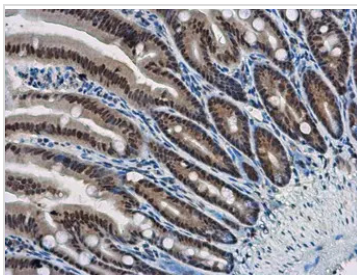
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DATA IMAGES



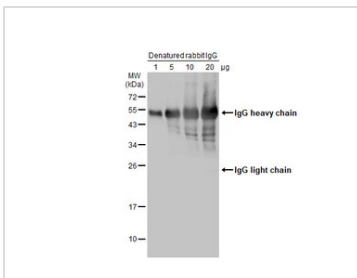
GTX213110-01 ELISA Image

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.



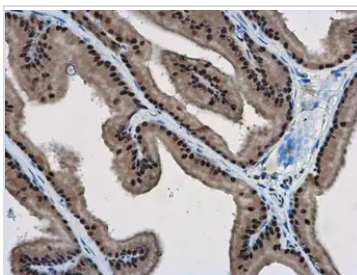
GTX213110-01 IHC-P Image

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



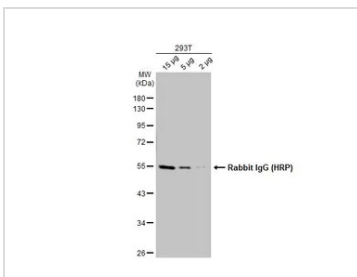
GTX213110-01 WB Image

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

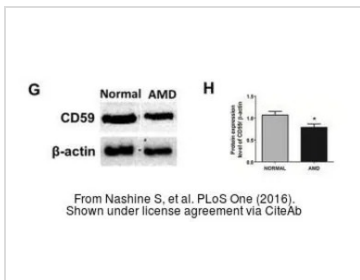


GTX213110-01 WB Image

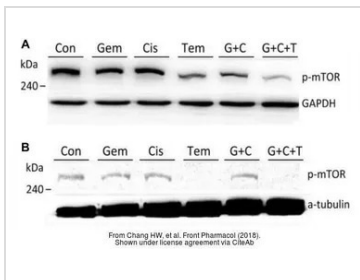
Various whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with Rabbit IgG antibody (HRP) (GTX213110-01) diluted at 1:10000.



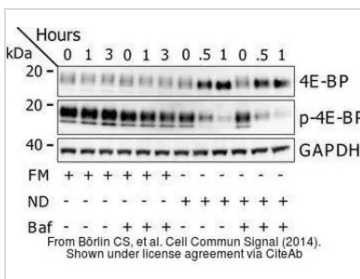
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GTx213110-01 WB Image

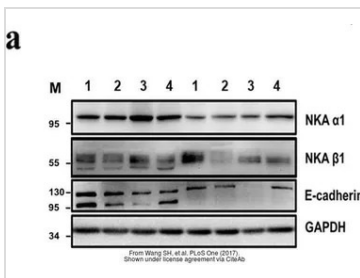
The data was published in the 2016 in PLoS One. [PMID: 27486856](https://pubmed.ncbi.nlm.nih.gov/27486856/)


GTx213110-01 WB Image

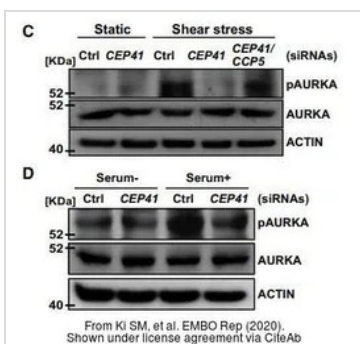
The data was published in the journal Front Pharmacol in 2018. [PMID: 30087612](https://pubmed.ncbi.nlm.nih.gov/30087612/)


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

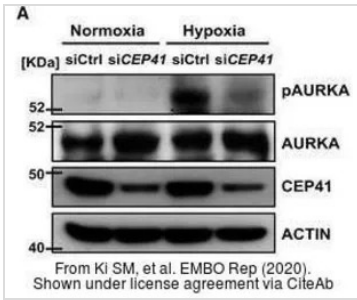
The data was published in the journal PLoS One in 2017. [PMID: 28832634](https://pubmed.ncbi.nlm.nih.gov/28832634/)


GTx213110-01 WB Image

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

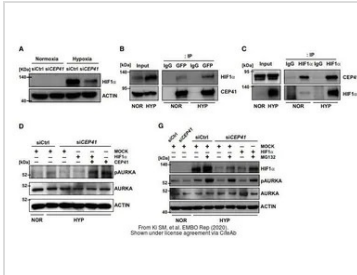


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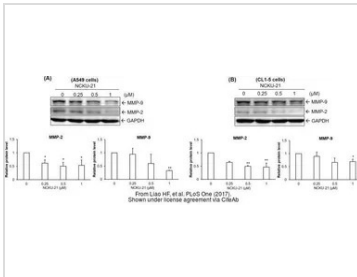
GTx213110-01 WB Image

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



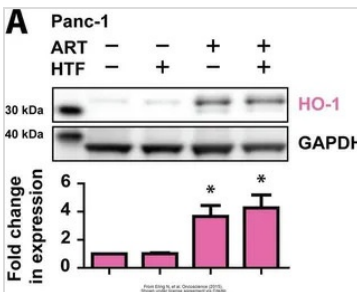
GTx213110-01 WB Image

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



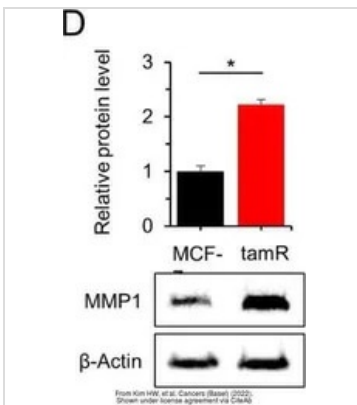
GTx213110-01 WB Image

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



GTx213110-01 WB Image

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

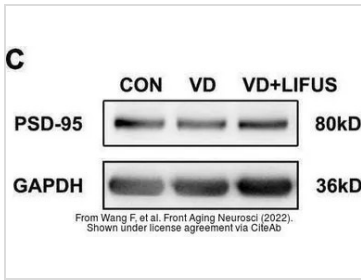


GTx213110-01 WB Image

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

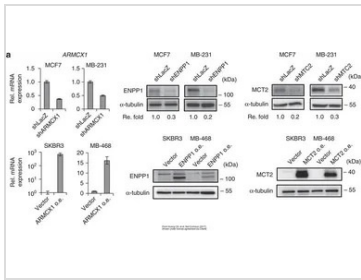


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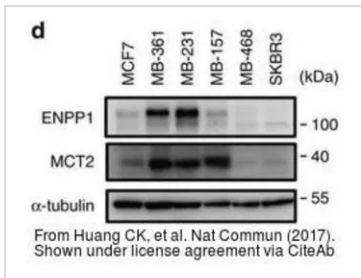
GTx213110-01 WB Image

The data was published in the 2022 in Front Aging Neurosci. [PMID: 35264943](https://pubmed.ncbi.nlm.nih.gov/35264943/)



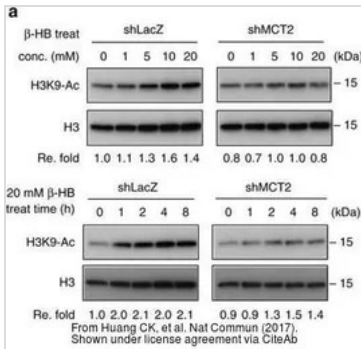
GTx213110-01 WB Image

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/)



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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