

GTX300099

TET family, 5-mc and 5-hmc antibody panel

References (1)

Product Content

Cat No	Product Name	Reactivity	Applications	Package
GTX124207	TET1 antibody [N3C1]	Human, Mouse, Rat, Monkey	WB, ICC/IF, IHC-P, IHC-Wm, IP, ChIP assay, IHC	25 µl
GTX213111-01	Goat Anti-Mouse IgG antibody (HRP)	Mouse	WB, IHC-P, ELISA, IHC	25 µl
GTX629448	5-Methylcytosine / 5-mC antibody [GT4111]	Species independent, Mouse	IHC-P, IHC-Fr, IHC-Wm, Dot, EM, MeDIP	25 µl
GTX629701	5-Hydroxymethylcytosine / 5-hmC antibody [GT513]	Species independent	Dot, MeDIP	25 µl
GTX638781	TET3 antibody [HL2463]	Human, Mouse, Rat	WB, IHC-P	25 µl
GTX640093	TET2 antibody [HL2822]	Human	WB	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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TET1 antibody [N3C1]

Cat. No. GTX124207

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

References (78)

★★★★★ Review (2)

Package

100 µl

PRODUCT

Summary

TET1 antibody recognizes TET1 protein, which is a methylcytosine dioxygenase that catalyzes the sequential steps of DNA demethylation. Expression of TET1 protein is spatiotemporally regulated during embryonic development. Abnormal TET1 activation is associated with cancer growth and metastasis.

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Wm	Assay dependent
IP	Assay dependent
ChIP assay	Assay dependent
IHC	Assay dependent

Not tested in other applications.

Calculated MW 235 kDa. ([Note](#))

Product Note

This antibody is specific for human TET1 protein, and it does not cross react with human TET2 and TET3 protein. KO/KD validation is based on published data (PMID: 32089682).

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.

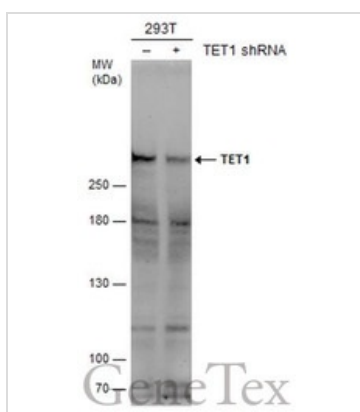


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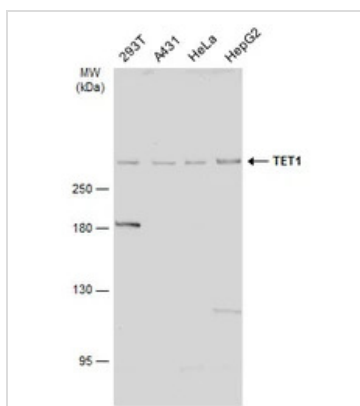
Concentration	1.7 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human TET1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
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.

DATA IMAGES



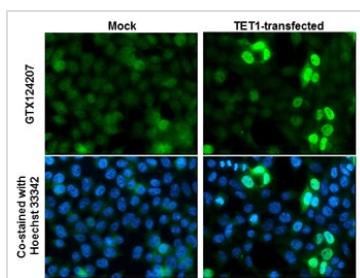
GTX124207 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (50 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with TET1 antibody [N3C1] (GTX124207) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX124207 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with TET1 antibody [N3C1] (GTX124207) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX124207 ICC/IF Image

TET1 antibody [N3C1] detects TET1 protein at nucleus by immunofluorescent analysis.

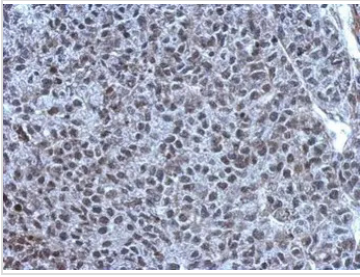
Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: TET1 stained by TET1 antibody [N3C1] (GTX124207) diluted at 1:1000.

Blue: Hoechst 33342 staining.



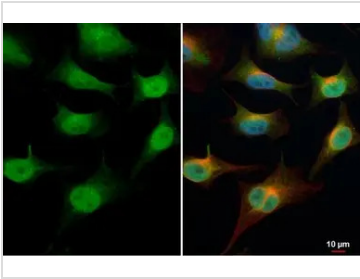
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GTX124207 IHC-P Image

Immunohistochemical analysis of paraffin-embedded HeLa xenograft, using TET1 (GTX124207) antibody at 1:1000 dilution.

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



GTX124207 ICC/IF Image

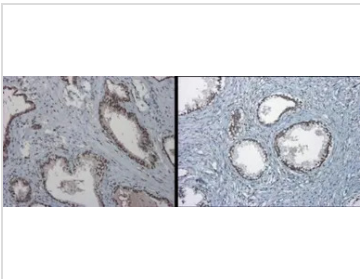
TET1 antibody [N3C1] detects TET1 protein at cytoplasm and nucleus by immunofluorescent analysis.

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

Green: TET1 stained by TET1 antibody [N3C1] (GTX124207) diluted at 1:500.

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

Blue: Fluoroshield with DAPI (GTX30920).



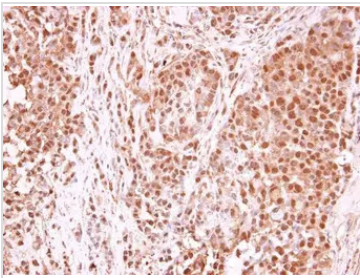
GTX124207 IHC-P Image

TET1 antibody [N3C1] detects TET1 protein at nucleus on Human normal prostate tissue by immunohistochemical analysis.

Sample: Paraffin-embedded Human normal prostate tissue.

TET1 antibody [N3C1] (GTX124207) dilution: 1:1000.

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



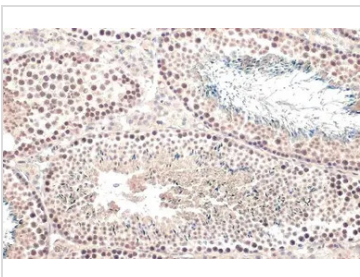
GTX124207 IHC-P Image

TET1 antibody [N3C1] detects TET1 protein at nucleus in human A549 xenograft by immunohistochemical analysis.

Sample: Paraffin-embedded human A549 xenograft .

TET1 antibody [N3C1] (GTX124207) diluted at 1:250.

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



GTX124207 IHC-P Image

TET1 antibody [N3C1] detects TET1 protein at nucleus by immunohistochemical analysis.

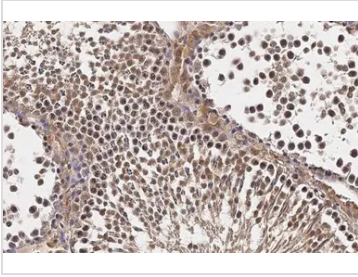
Sample: Paraffin-embedded mouse testis.

TET1 stained by TET1 antibody [N3C1] (GTX124207) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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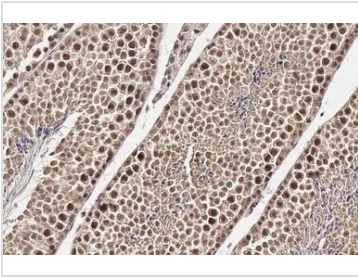
GTx124207 IHC-P Image

TET1 antibody [N3C1] detects TET1 protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded rat testis.

TET1 stained by TET1 antibody [N3C1] (GTx124207) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



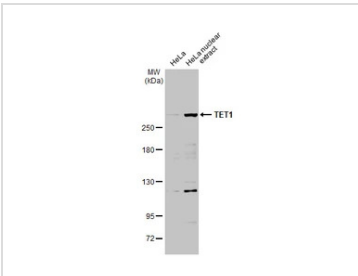
GTx124207 IHC-P Image

TET1 antibody [N3C1] detects TET1 protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded mouse testis.

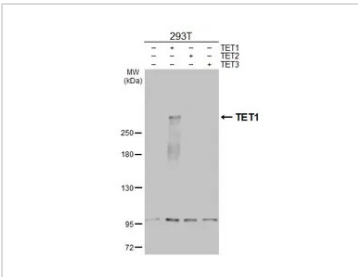
TET1 stained by TET1 antibody [N3C1] (GTx124207) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



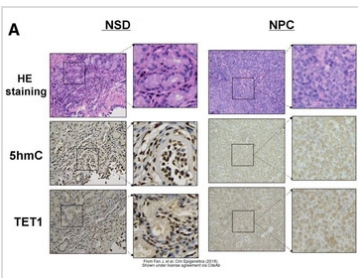
GTx124207 WB Image

HeLa whole cell and nuclear extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with TET1 antibody [N3C1] (GTx124207) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



GTx124207 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with TET1 antibody [N3C1] (GTx124207) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

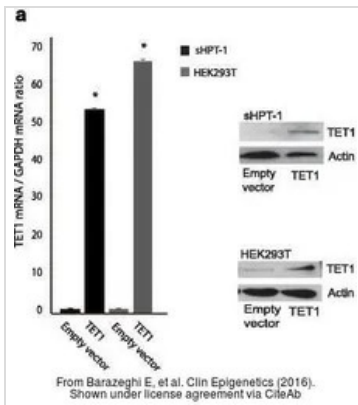


GTx124207 IHC-P Image

The data was published in the journal Clin Epigenetics in 2018. [PMID: 30075814](https://pubmed.ncbi.nlm.nih.gov/30075814/)

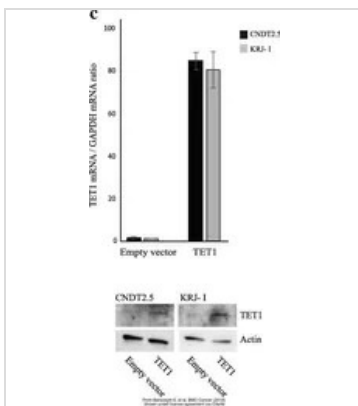


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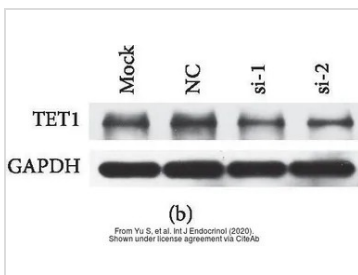
GTx124207 WB Image

The data was published in the journal Clin Epigenetics in 2016. [PMID: 26973719](#)



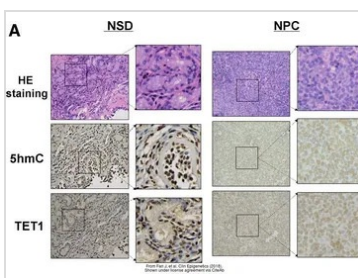
GTx124207 WB Image

The data was published in the journal BMC Cancer in 2018. [PMID: 30045709](#)



GTx124207 WB Image

The data was published in the journal Int J Endocrinol in 2020. [PMID: 32089682](#)

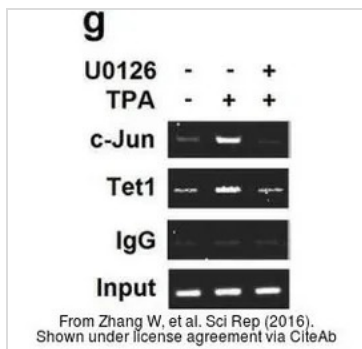


GTx124207 IHC Image

The data was published in the journal Clin Epigenetics in 2018. [PMID: 30075814](#)

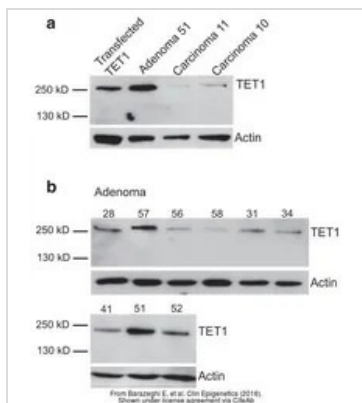


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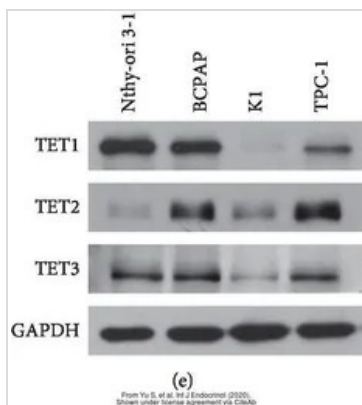
GTx124207 ChIP assay Image

The data was published in the journal Sci Rep in 2016. [PMID: 27708396](https://pubmed.ncbi.nlm.nih.gov/27708396/)



GTx124207 WB Image

The data was published in the journal Clin Epigenetics in 2016. [PMID: 26973719](https://pubmed.ncbi.nlm.nih.gov/26973719/)



GTx124207 WB Image

The data was published in the journal Int J Endocrinol in 2020. [PMID: 32089682](https://pubmed.ncbi.nlm.nih.gov/32089682/)



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Goat Anti-Mouse IgG antibody (HRP)

Cat. No. GTX213111-01

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

References (465)

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
IHC	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	0.78 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Highly purified whole mouse IgG
Purification	Purified by antigen-affinity chromatography.
Conjugation	Horseradish peroxidase(HRP)

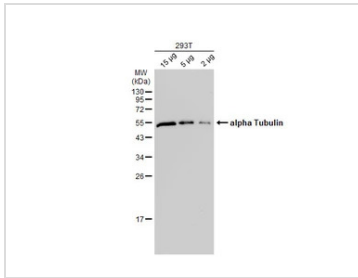
Note

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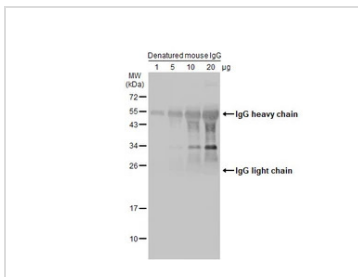
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DATA IMAGES

GTX213111-01 WB Image

Various whole cell extracts were separated by 12% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:10000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


GTX213111-01 WB Image

Various amounts of denatured mouse IgG protein were separated by 12% SDS-PAGE, and the membrane was blotted with HRP-conjugated anti-mouse IgG antibody (GTX213111-01) diluted at 1:5000.


GTX213111-01 IHC-P Image

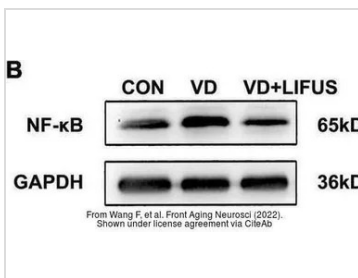
E2F1 antibody [16G7] detects E2F1 protein at nucleus in mouse cervix by immunohistochemical analysis.

Sample: Paraffin-embedded mouse cervix.

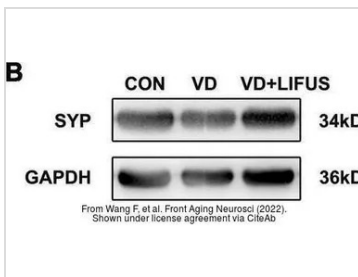
E2F1 antibody [16G7] (GTX70163) diluted at 1:500.

The signal was developed by Mouse IgG antibody (HRP) (GTX213111-01).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX213111-01 WB Image

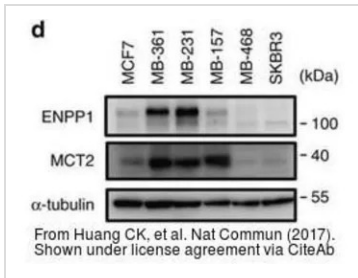
The data was published in the 2022 in Front Aging Neurosci. [PMID: 35264943](https://pubmed.ncbi.nlm.nih.gov/35264943/)


GTX213111-01 WB Image

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

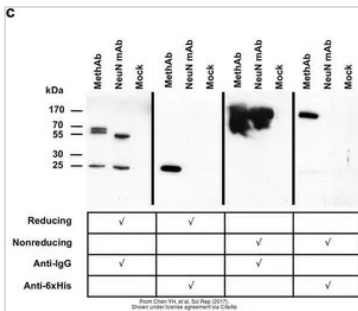


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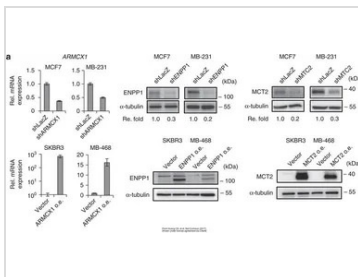
GTx213111-01 WB Image

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



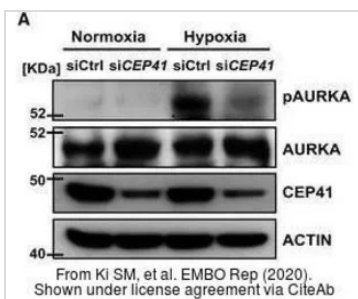
GTx213111-01 WB Image

The data was published in the 2017 in Sci Rep. [PMID: 28387350](#)



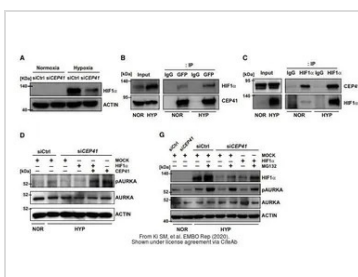
GTx213111-01 WB Image

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



GTx213111-01 WB Image

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

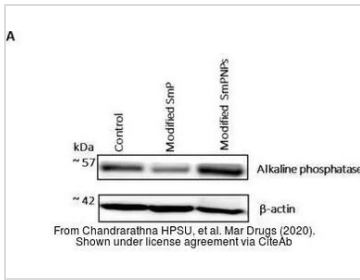


GTx213111-01 WB Image

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

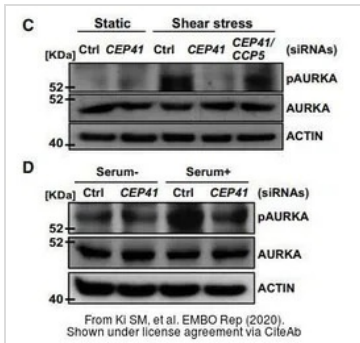


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GTX213111-01 WB Image

The data was published in the journal Mar Drugs in 2020. [PMID: 32245246](https://pubmed.ncbi.nlm.nih.gov/32245246/)



GTX213111-01 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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5-Methylcytosine / 5-mC antibody [GT4111]

Cat. No. GTX629448

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	IHC-P, IHC-Fr, IHC-Wm, Dot, EM, MeDIP
Reactivity	Species independent, Mouse

References (12)

★★★★★ Review (2)

Package

100 µl, 25 µl

PRODUCT

Summary

5-mC antibody detects methylated cytosine, which is a key epigenetic regulatory modification of genomic DNA and is considered a "fifth base". The 5-mC mark is added by DNA methyltransferases (DNMTs) and serves predominately to turn off gene transcription. It is reversible via a DNA demethylation pathway triggered by the Ten-eleven translocation (TET) family of dioxygenases.

Applications

Application Note

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

Suggested dilution	Recommended dilution
IHC-P	1:100-1:1000
IHC-Fr	Assay dependent
IHC-Wm	1:50-1:500
Dot	Assay dependent
EM	Assay dependent
MeDIP	Assay dependent

Not tested in other applications.

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	1.7 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The immunogen used to generate this antibody corresponds to 5-Methylcytosine / 5-mC
Purification	Affinity purified by Protein G.



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

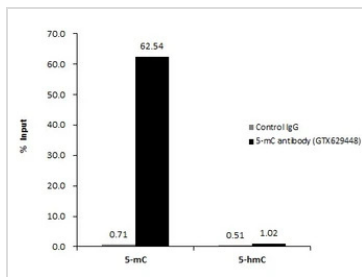
Conjugation

Unconjugated

Note

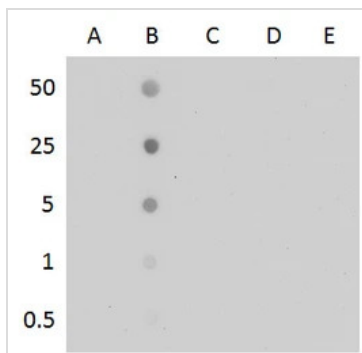
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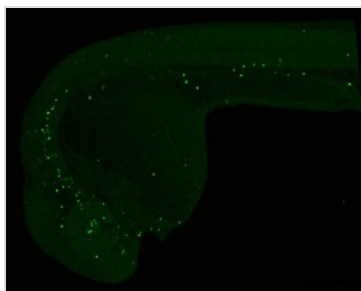
DATA IMAGES

GTX629448 MeDIP Image

GTX629448 5-Methylcytosine/ 5-mC antibody [GT4111] in MeDIP experiment.

Human genomic DNA (500 ng) mixed with methylated cytosine standard kit (GTX400004) were subjected to MeDIP with 5-Methylcytosine/ 5-mC antibody [GT4111] (GTX629448) at dilution of 1:500 and analyzed with semi-quantitative PCR. The immunoprecipitated DNA was plotted as % of input DNA.


GTX629448 Dot Image

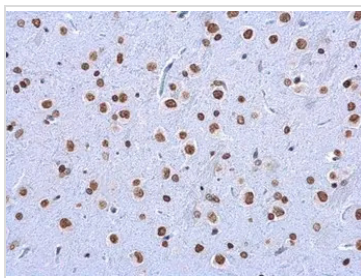
GTX629448 5-methylcytosine antibody [GT4111] Dot blot analysis of anti-5-mC antibody with the synthetic DNA controls (GTX400004). DNA samples (0.5 to 50 ng) were spotted onto positively charged nylon membrane and blotted with 5-mC antibody (GTX629448) at a dilution of 1:500. A: Unmethylated DNA fragment B: DNA fragment containing 5-methylcytosine C: DNA fragment containing 5-hydroxymethylcytosine D: DNA fragment containing 5-formylcytosine E: DNA fragment containing 5-carboxylcytosine


GTX629448 IHC-Wm Image

5-Methylcytosine / 5-mC antibody [GT4111] detects 5-Methylcytosine / 5-mC protein on zebrafish by whole mount immunohistochemical analysis.

Sample: 24 hours-post-fertilization zebrafish embryo.

5-Methylcytosine / 5-mC antibody [GT4111] (GTX629448) dilution: 1:50.


GTX629448 IHC-P Image

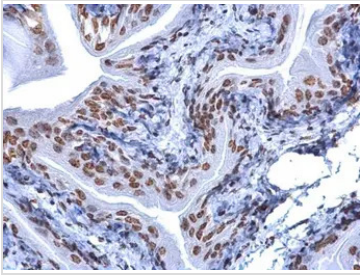
5-Methylcytosine / 5-mC antibody [GT4111] detects 5-Methylcytosine / 5-mC protein at nucleolus in rat brain by immunohistochemical analysis.

Sample: Paraffin-embedded rat brain.

5-Methylcytosine / 5-mC antibody [GT4111] (GTX629448) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


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

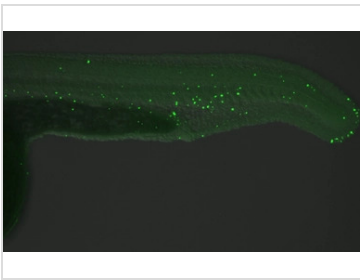

GTX629448 IHC-P Image

5-Methylcytosine / 5-mC antibody [GT4111] detects 5-Methylcytosine / 5-mC protein at nucleus on mouse urinary bladder by immunohistochemical analysis.

Sample: Paraffin-embedded mouse urinary bladder.

5-Methylcytosine / 5-mC antibody [GT4111] (GTX629448) dilution: 1:200.

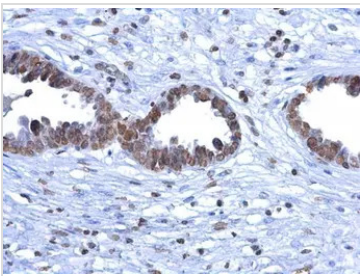
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX629448 IHC-Wm Image

5-Methylcytosine / 5-mC antibody [GT4111] detects 5-Methylcytosine / 5-mC protein on zebrafish by whole mount immunohistochemical analysis.

Sample: 24 hours-post-fertilization zebrafish embryo.

5-Methylcytosine / 5-mC antibody [GT4111] (GTX629448) dilution: 1:50.

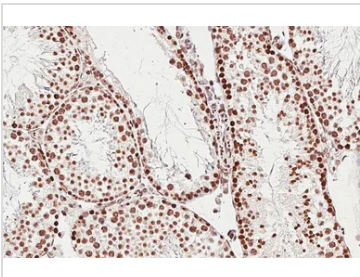

GTX629448 IHC-P Image

5-Methylcytosine / 5-mC antibody [GT4111] detects 5-Methylcytosine / 5-mC protein at nucleus on human ovarian carcinoma by immunohistochemical analysis.

Sample: Paraffin-embedded human ovarian carcinoma.

5-Methylcytosine / 5-mC antibody [GT4111] (GTX629448) dilution: 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

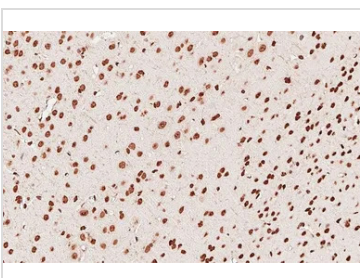

GTX629448 IHC-P Image

5-Methylcytosine / 5-mC antibody [GT4111] detects 5-Methylcytosine / 5-mC protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse testis.

5-Methylcytosine / 5-mC stained by 5-Methylcytosine / 5-mC antibody [GT4111] (GTX629448) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX629448 IHC-P Image

5-Methylcytosine / 5-mC antibody [GT4111] detects 5-Methylcytosine / 5-mC protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse cerebral cortex.

5-Methylcytosine / 5-mC stained by 5-Methylcytosine / 5-mC antibody [GT4111] (GTX629448) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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

5-Hydroxymethylcytosine / 5-hmC antibody [GT513]

Cat. No. GTX629701

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	Dot, MeDIP
Reactivity	Species independent

References (2)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
Dot	Assay dependent
MeDIP	Assay dependent

Not tested in other applications.

Properties

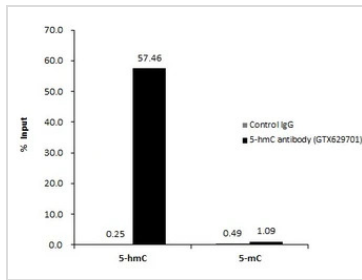
Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The immunogen used to generate this antibody corresponds to 5-Hydroxymethylcytosine / 5-hmC
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

Note

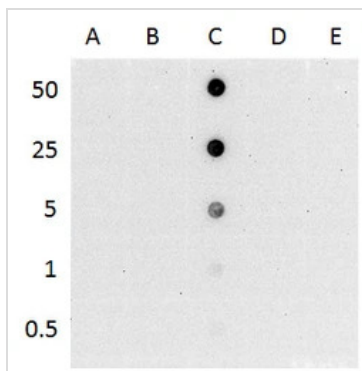
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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.

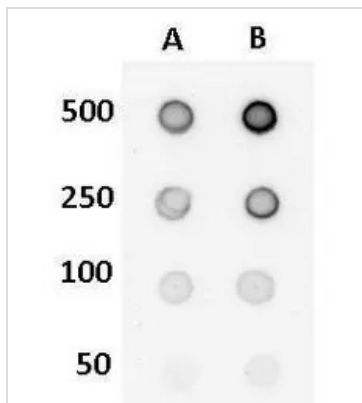
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DATA IMAGES

GTX629701 MeDIP Image

GTX629701 5-Hydroxymethylcytosine/ 5-hmC antibody [GT513] in MeDIP experiment. Human genomic DNA (500 ng) mixed with methylated cytosine standard kit (GTX400004) were subjected to MeDIP with 5-Hydroxymethylcytosine/ 5-hmC antibody [GT513] (GTX629701) at dilution of 1:500 and analyzed with semi-quantitative PCR. The immunoprecipitated DNA was plotted as % of input DNA.


GTX629701 Dot Image

GTX629701 5-hydroxymethylcytosine antibody [GT513] Dot blot analysis of anti-5-hmC antibody with the synthetic DNA controls (GTX400004). DNA samples (0.5 to 50 ng as indicated) were spotted onto the positively charged Nylon membrane and blotted with 5-hmC antibody (GTX629701) at a dilution of 1:500. A: Unmethylated DNA fragment B: DNA fragment containing 5-methylcytosine C: DNA fragment containing 5-hydroxymethylcytosine D: DNA fragment containing 5-formylcytosine E: DNA fragment containing 5-carboxylcytosine


GTX629701 Dot Image

Dotblot analysis of anti- 5-Hydroxymethylcytosine / 5-hmC antibody [GT513] with DNA samples DNA samples (50 to 500 ng as indicated) were spotted onto positively charged nylon membrane and blotted with 5-Hydroxymethylcytosine / 5-hmC antibody [GT513] (GTX629701) at a dilution of 1:500. A: Genomic DNA derived from 293T cells. B: Genomic DNA derived from human TET-1 transfected 293T cells.



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

TET3 antibody [HL2463]

Cat. No. GTX638781

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

[References \(2 \)](#)[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) 235 kDa.**Product Note** This antibody is specific for human TET3 protein, and it does not cross-react with human TET1 and TET2 proteins.

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 TET3.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

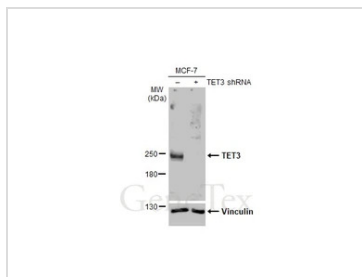
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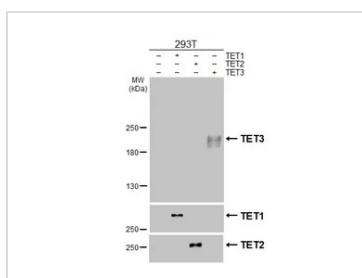


For full product information, images and publications, please visit our [website](#).

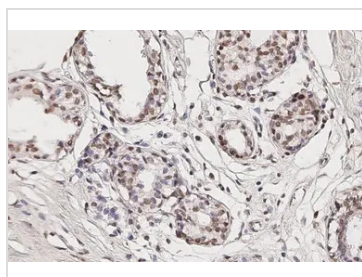
DATA IMAGES


GTX638781 WB Image

Non-transfected (–) and transfected (+) MCF-7 whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with TET3 antibody [HL2463] (GTX638781) 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.


GTX638781 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with TET3 antibody [HL2463] (GTX638781) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

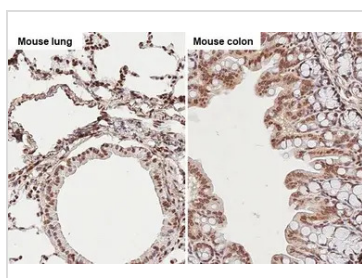

GTX638781 IHC-P Image

TET3 antibody [HL2463] detects TET3 protein by immunohistochemical analysis.

Sample: Paraffin-embedded human breast carcinoma.

TET3 stained by TET3 antibody [HL2463] (GTX638781) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

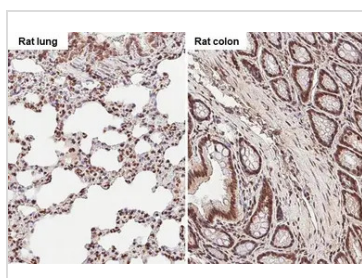

GTX638781 IHC-P Image

TET3 antibody [HL2463] detects TET3 protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse tissues.

TET3 stained by TET3 antibody [HL2463] (GTX638781) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX638781 IHC-P Image

TET3 antibody [HL2463] detects TET3 protein by immunohistochemical analysis.

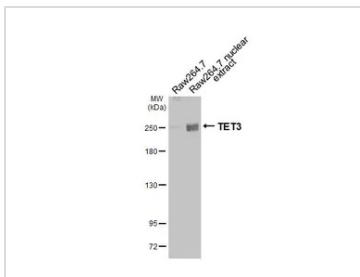
Sample: Paraffin-embedded rat tissues.

TET3 stained by TET3 antibody [HL2463] (GTX638781) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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


GTx638781 WB Image

Raw264.7 whole cell and nuclear extracts (30 μ g) were separated by 5% SDS-PAGE, and the membrane was blotted with TET3 antibody [HL2463] (GTx638781) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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

TET2 antibody [HL2822]

Cat. No. GTX640093

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB
Reactivity	Human

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

Not tested in other applications.

Observed MW (kDa)	260 kDa.
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Product Note This antibody is specific for human TET2 protein, and it does not cross react with human TET1 and TET3 protein.

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 TET2.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

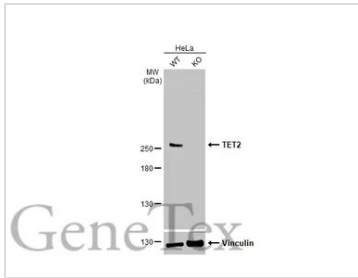
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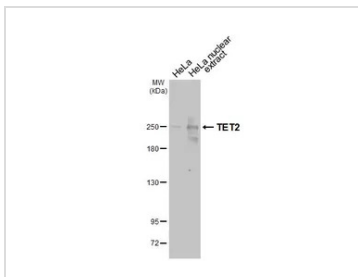
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DATA IMAGES



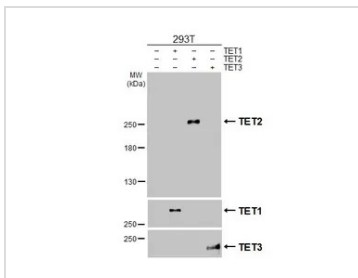
GTX640093 WB Image

Wild-type (WT) and TET2 knockout (KO) HeLa cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with TET2 antibody [HL2822] (GTX640093) 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.



GTX640093 WB Image

HeLa whole cell and nuclear extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with TET2 antibody [HL2822] (GTX640093) 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.



GTX640093 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with TET2 antibody [HL2822] (GTX640093) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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