

## TET3 antibody [C3], C-term

Cat. No. GTX121453

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-Wm, IP, CHIP assay
<b>Reactivity</b>	Human, Mouse, Bovine, Xenopus laevis

References ( 47 )

★★★★★ Review ( 1 )

Package

100 µl, 25 µl

## PRODUCT

## Summary

TET3 antibody recognizes TET3 protein (predicted molecular weight of 194 kDa), a dioxygenase involved in active DNA demethylation that converts 5-methylcytosine (5mC) to 5-hydroxymethylcytosine (5hmC) and subsequently to 5-formylcytosine (5fC) and 5-carboxylcytosine (5caC). Like TET1 and TET2, TET3 appears to impact epigenetic regulation of gene expression. It is also involved in early embryogenesis, neuronal function, and other processes.

## Applications

## 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-Wm	Assay dependent
IP	1:500-1:1000
CHIP assay	Assay dependent

Not tested in other applications.

**Calculated MW** 179 kDa. ([Note](#))

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	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.
<b>Concentration</b>	0.95 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the C-terminus region of human TET3. The exact sequence is proprietary.



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**Purification** Purified by antigen-affinity chromatography.

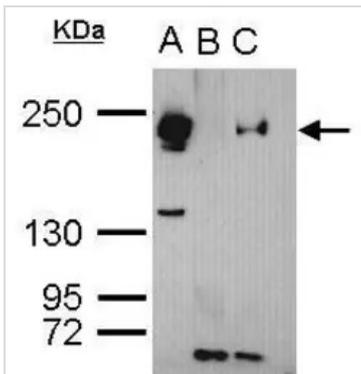
**Conjugation** Unconjugated

**Note**

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

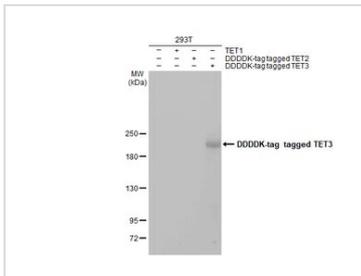
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DATA IMAGES



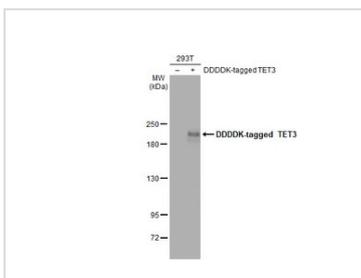
**GTX121453 IP Image**

TET3 antibody immunoprecipitates TET3 protein in IP experiments. IP Sample: cell lysate/extract of TET3 gene transfected 293T cells A. Cell lysate/extract of transfected 293T cell B. Control with 2 µg of preimmune rabbit IgG C. Immunoprecipitation of TET3 by 2 µg of TET3 antibody (GTX121453) 5% SDS-PAGE The immunoprecipitated TET3 protein was detected by TET3 antibody (GTX121453) diluted at 1:1000. EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent.



**GTX121453 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 [C3], C-term (GTX121453) diluted at 1:5000. 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.



**GTX121453 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 [C3], C-term (GTX121453) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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