

TET2 antibody [N2-2], N-term

Cat. No. GTX124205

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

References (18)

Package

100 µl, 25 µl

Applications

Application Note

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

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

Not tested in other applications.

Calculated MW 224 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.78 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human TET2. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

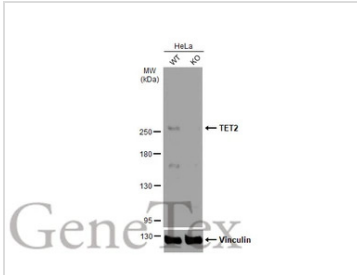


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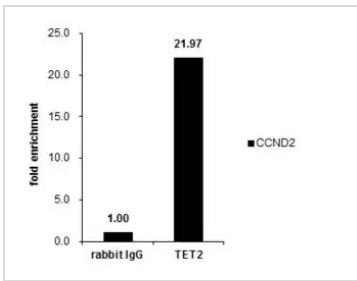
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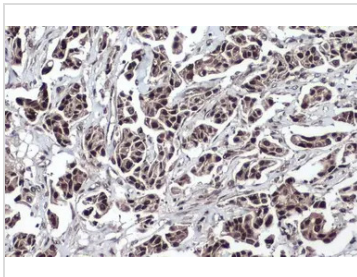
DATA IMAGES

GTx124205 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 [N2-2], N-term (GTx124205) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx124205 ChIP assay Image

Cross-linked ChIP was performed with U2OS chromatin extract and 5 µg of either control rabbit IgG or anti-TET2 antibody. The precipitated DNA was detected by PCR with primer set targeting to CCND2.

ChIP experiment and primer designs are based on [Nat Commun. 2013;4:2166](https://doi.org/10.1038/ncomms2166).

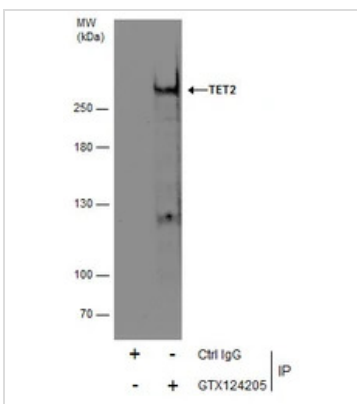

GTx124205 IHC-P Image

TET2 antibody [N2-2], N-term detects TET2 protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded human breast carcinoma.

TET2 stained by TET2 antibody [N2-2], N-term (GTx124205) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTx124205 IP Image

Immunoprecipitation of TET2 protein from 293T whole cell extracts using 5 µg of TET2 antibody [N2-2], N-term (GTx124205).

Western blot analysis was performed using TET2 antibody [N2-2], N-term (GTx124205) diluted at 1:500.

EasyBlot HRP-conjugated anti rabbit IgG antibody (GTx221666-01) was used to detect the primary antibody.



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