

DNMT1 antibody [N1], N-term

Cat No. GTX116011

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

Reference (16)

★★★★★ Review (6)

Package

100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:2000
IHC-P	1:100-1:1000
IP	1:100-1:500
ChIP assay	Assay dependent

Not tested in other applications.

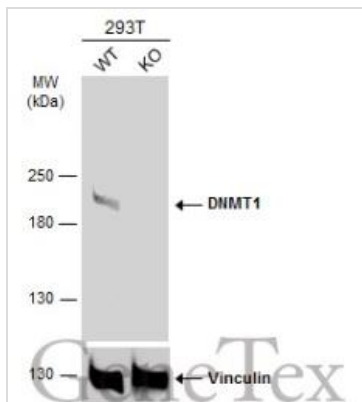
Calculated MW 183 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
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	0.18 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 DNMT1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

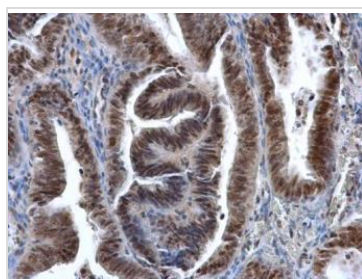
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DATA IMAGES



GTX116011 WB Image

Wild-type (WT) and DNMT1 knockout (KO) 293T cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with DNMT1 antibody [N1], N-term (GTX116011) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

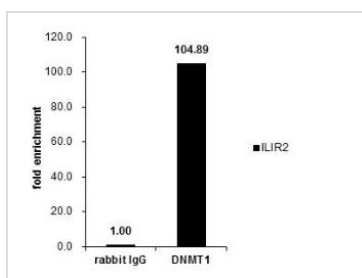


GTX116011 IHC-P Image

DNMT1 antibody [N1], N-term detects DNMT1 protein at cytoplasm and nucleus in human endometrial cancer by immunohistochemical analysis.

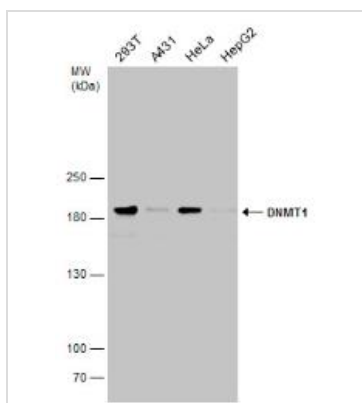
Sample: Paraffin-embedded human endometrial cancer.
 DNMT1 antibody [N1], N-term (GTX116011) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX116011 ChIP assay Image

Cross-linked ChIP was performed with HCT116 chromatin extract and 5 µg of either control rabbit IgG or anti-DNMT1 antibody. The precipitated DNA was detected by PCR with primer set targeting to ILIR2. ChIP experiment and primer designs are based on [Cancer Res. 2009 Sep 15;69\(18\):7412-21](https://doi.org/10.1158/1541-5863.2009-0211).



GTX116011 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with DNMT1 antibody [N1], N-term (GTX116011) diluted at 1:5000.



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