

Recombinant DNMT3B Monoclonal Antibody

catalog number: **AN302070L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

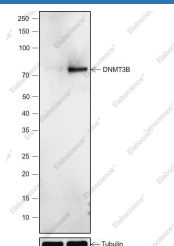
Reactivity	Human
Immunogen	Peptide. This information is proprietary to PTMab.
Host	Rabbit
Isotype	Rabbit IgG
Clone	C331691
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:1000-1:2000
ChIP	6 µg/2×10 ⁶ cells

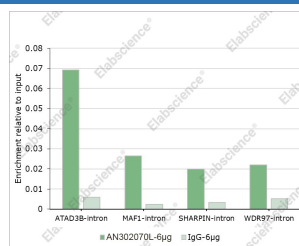
Data



Western Blot with DNMT3B Monoclonal Antibody at dilution of 1:2000. Lane 1: HEK-293(Low expression), Lane 2: K562

Observed-MW:96 kDa

Calculated-MW:96 kDa



Chromatin immunoprecipitation analysis of NCCIT immunoprecipitated DNA by real-time PCR using primers specific for the human ATAD3B-I, TAF6LMAF1-E, SHARPIN-I and WDR97-I. The data are presented as enrichment of each sample relative to the total amount of input chromatin at each amplicon.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

The DNMT3 family consists of two active methyltransferases, DNMT3A and DNMT3B, along with a DNMT3-like protein known as DNMT3L. DNMT3B plays a crucial role in regulating specific DNA methylation patterns, particularly during de novo methylation. It may function as a transcriptional corepressor by associating with CBX4 independently of DNA methylation. Mutations in the DNMT3B gene lead to immunodeficiency-centromeric instability-facial anomalies (ICF) syndrome.

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Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.3