

A Reliable Research Partner in Life Science and Medicine

# **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
 IgG, κ

 Clone
 A790

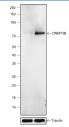
Purification Protein Apurified

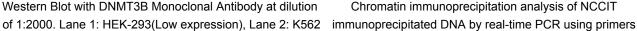
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

# Applications Recommended Dilution

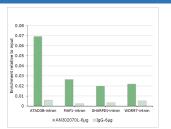
WB 1:1000-1:2000
ChIP 6 μg/2×10<sup>6</sup> cells

#### Data





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 atranscriptional corepressor by associating with CBX4 independently of DNA methylation. Mutations in the DNMT3B gene lead tolmmunodeficiency-centromeric instability-facial anomalies (ICF) syndrome.

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