

TRDMT1

Reactivity: Human Mouse

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 45kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human TRDMT1

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

DMNT2; DNMT2; PUMET; RNMT1; MHSIIP;

Catalog #: A7540

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1787

Isotype: IgG

Swiss Prot: O14717

Purity: Affinity purification

For research use only.

Background:

This gene encodes a protein responsible for the methylation of aspartic acid transfer RNA, specifically at the cytosine-38 residue in the anticodon loop. This enzyme also possesses residual DNA-(cytosine-C5) methyltransferase activity. While similar in sequence and structure to DNA cytosine methyltransferases, this gene is distinct and highly conserved in its function among taxa.

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