

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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