

# TRDMT1 Rabbit pAb

Catalog No.: A10535

## Basic Information

### Observed MW

45kDa

### Calculated MW

6kDa/7kDa/12kDa/39kDa/41kDa/44kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

Human, Mouse

## 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.

## Recommended Dilutions

WB 1:1000 - 1:2000

## Immunogen Information

### Gene ID

1787

### Swiss Prot

O14717

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 192-391 of human TRDMT1 (NP\_004403.1).

### Synonyms

TRDMT1;DMNT2;DNMT2;MHSIIP;PUMET;RNMT1

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

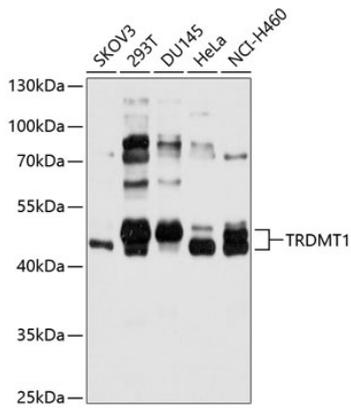
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using TRDMT1 antibody (A10535) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 5s.