

Product datasheet for **TA811494M**

Dnmt2 (TRDMT1) Mouse Monoclonal Antibody [Clone ID: OTI8H10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI8H10
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 84-293 of human TRDMT1 (NP_004403) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	44.4 kDa
Gene Name:	tRNA aspartic acid methyltransferase 1
Database Link:	NP_004403 Entrez Gene 13434 Mouse Entrez Gene 1787 Human O14717
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. [provided by RefSeq, Jun 2010]

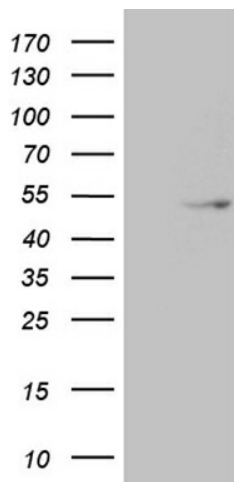

[View online »](#)

Synonyms: DMNT2; DNMT2; MHSAILP; PUMET; RNMT1

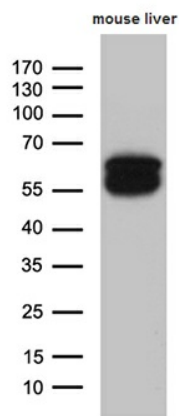
Protein Families: Druggable Genome

Protein Pathways: Cysteine and methionine metabolism, Metabolic pathways

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TRDMT1 (Cat# [RC208363], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TRDMT1 (Cat# [TA811494])(1:2000). Positive lysates [LY401401] (100ug) and [LC401401] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from mouse liver tissue lysate by using anti-TRDMT1 monoclonal antibody (1:500).