

TRDMT1 rabbit monoclonal antibody

Catalog # H00001787-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TRDMT1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human TRDMT1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human TRDMT1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — TRDMT1

Entrez GeneID	1787
GeneBank Accession#	TRDMT1
Gene Name	TRDMT1
Gene Alias	DNMT2, M.HsaIIIP, PuMet, RNMT1
Gene Description	tRNA aspartic acid methyltransferase 1
Omim ID	602478
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein responsible for the methylation of aspartic acid transfer RNA. While similar in sequence and structure to DNA cytosine methyltransferases, this gene is distinct and highly conserved in its function among taxa. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]
Other Designations	DNA (cytosine-5-)-methyltransferase 2 DNA MTase homolog HsaIIIP DNA methyltransferase homolog HsaIIIP DNA methyltransferase-2 OTTHUMP00000019228 OTTHUMP00000045198 tRNA aspartic acid methyltransferase 1 variant 1 tRNA aspartic acid methyltransferase 1 varia

Pathway

- [Cysteine and methionine metabolism](#)
- [Metabolic pathways](#)

Disease

- [Alzheimer disease](#)
- [Carcinoma](#)
- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)

- [Intracranial Hemorrhages](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Spinal Dysraphism](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)