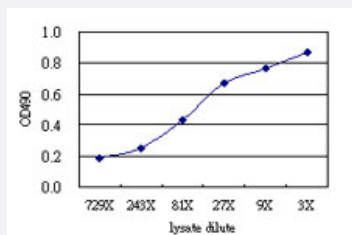


TRDMT1 (Human) Matched Antibody Pair

Catalog # H00001787-AP51

Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the TRDMT1 293T overexpression lysate (non-denatured).

Specification

Product Description

This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human TRDMT1.

Reactivity

Human

Quality Control Testing

Standard curve using TRDMT1 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the TRDMT1 293T overexpression lysate (non-denatured).

Supplied Product

Antibody pair set content:

1. Capture antibody: mouse monoclonal anti-TRDMT1 (100 ug)
2. Detection antibody: rabbit purified polyclonal anti-TRDMT1 (50 ug)

*Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

Storage Instruction

Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Transfected lysate)

[Protocol Download](#)

Gene Info — TRDMT1

Entrez GeneID	1787
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](#)