

Datasheet for ABIN6149479
anti-Dnmt2 antibody (AA 192-391)



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1 Image

Overview

Quantity:	100 µL
Target:	Dnmt2 (TRDMT1)
Binding Specificity:	AA 192-391
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dnmt2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 192-391 of human TRDMT1 (NP_004403.1).
Sequence:	VHPQKYAMDV ENKIQEKNVE PNISFDGSIQ CSGKDAILFK LETAEIHRK NQQSDLSVK MLKDFLEDDT DVNQYLLPPK SLLRYALLLD IVQPTCRRSV CFTKGYGSYI EGTGSVLQTA EDVQVENIYK SLTNLSQEEQ ITKLLILKLR YFTPKEIANL LGFPPEFGFP EKITVKQRYR LLGNSLNVHV VAKLIKILYE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

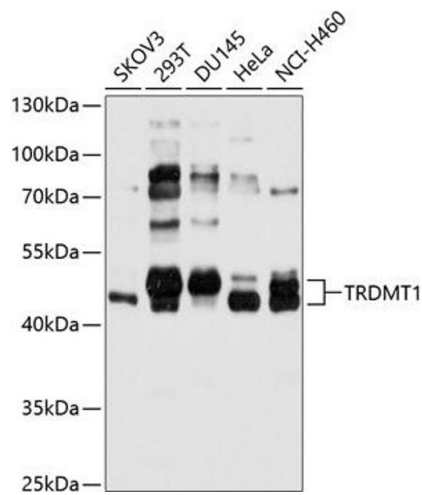
Target:	Dnmt2 (TRDMT1)
Alternative Name:	TRDMT1 (TRDMT1 Products)
Background:	This gene encodes a protein responsible for the methylation of aspartic acid transfer RNA, specifically at the cytosine-38 residue in the anticodon loop. This enzyme also possesses residual DNA-(cytosine-C5) methyltransferase activity. While similar in sequence and structure to DNA cytosine methyltransferases, this gene is distinct and highly conserved in its function among taxa.,TRDMT1,DMNT2,DNMT2,MHSAIP,PUMET,RNMT1,Epigenetics & Nuclear Signaling,TRDMT1
Molecular Weight:	6 kDa/7 kDa/12 kDa/39 kDa/41 kDa/44 kDa
Gene ID:	1787
UniProt:	O14717

Application Details

Application Notes:	WB,1:1000 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using TRDMT1 antibody (ABIN6131596, ABIN6149479, ABIN6149480 and ABIN6214817) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.