

Rabbit anti-Human, Mouse PCMT1 Polyclonal Antibody | anti-PCMT1 antibody

PCMT1 antibody

CATALOG # AAA302714	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

PCMT1; Polyclonal Antibody; PCMT1 antibody; PIMT; anti-PCMT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PCMT1 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	286
Applicable Applications for anti-PCMT1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PCMT1.
Target Name	PCMT1
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using PCMT1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PCMT1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PCMT1 antibody	This gene encodes a member of the type II class of protein carboxyl methyltransferase enzymes. The encoded enzyme plays a role in protein repair by recognizing and converting D-aspartyl and L-isoaspartyl residues resulting from spontaneous deamidation back to the normal L-aspartyl form. The encoded protein may play a protective role in the pathogenesis of Alzheimer's disease, and single nucleotide polymorphisms in this gene have been associated with spina bifida and premature ovarian failure. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
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Product Categories/Family for anti-PCMT1 antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	354983493
NCBI GeneID	5110
NCBI Accession #	NP_001238978.1
NCBI GenBank Nucleotide #	NM_001252049.1
UniProt Accession #	P22061; Q14661; Q16556; Q5VYC1; Q5VYC2; Q93061; Q96II9; Q99625; Q9BQV7; Q9BQV8; A8K109; J3KP72
Molecular Weight	24,679 Da
NCBI Official Full Name	protein-L-isoaspartate(D-aspartate) O-methyltransferase isoform 2
NCBI Official Synonym Full Names	protein-L-isoaspartate (D-aspartate) O-methyltransferase
NCBI Official Symbol	PCMT1
NCBI Official Synonym Symbols	PIMT
NCBI Protein Information	protein-L-isoaspartate(D-aspartate) O-methyltransferase
UniProt Protein Name	Protein-L-isoaspartate(D-aspartate) O-methyltransferase
UniProt Gene Name	PCMT1
UniProt Synonym Gene Names	PIMT
UniProt Entry Name	PIMT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.