

Rabbit PCMT1 Polyclonal Antibody | anti-PCMT1 antibody

PCMT1 Antibody

CATALOG # AAA225510	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

PCMT1; Polyclonal Antibody; PCMT1 Antibody; Affinity Purified Rabbit Polyclonal PCMT1 Antibody; Polyclonal PCMT1 antibody; Anti-PCMT1 antibody; protein L-isoaspartyl/D-aspartyl methyltransferase antibody; PCMT-1 antibody; protein-beta-aspartate methyltransferase antibody; PCMT-1; PCMT 1 antibody; PCMT 1; PCMT1 antibody; anti-PCMT1 antibody

PRODUCT SPECIFICATIONS

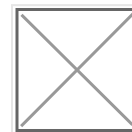
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.96 mg/ml (varies by lot)
Sequence Length	227
Applicable Applications for anti-PCMT1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



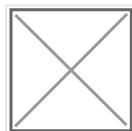
WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: 293T) using a 12% SDS PAGE gel and PCMT1 antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded U87 xenograft using PCMT1 antibody at a dilution of 1:500



IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed A431, using PCMT1 antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PCMT1 antibody	Three classes of protein carboxyl methyltransferases, distinguished by their methyl-acceptor substrate specificity, have been found in prokaryotic and eukaryotic cells. The type II enzyme catalyzes the transfer of a methyl group from S-adenosyl-L-methionine to the free carboxyl groups of D-aspartyl and L-isoaspartyl residues. These methyl-accepting residues result from the spontaneous deamidation, isomerization, and racemization of normal L-aspartyl and L-asparaginyl residues and represent sites of covalent damage to aging proteins PCMT1 is a protein repair enzyme that initiates the conversion of abnormal D-aspartyl and L-isoaspartyl residues to the normal L-aspartyl form.
Product Categories/Family for anti-PCMT1 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	1338669518
NCBI GenBank Nucleotide #	NP_001347381.1
Molecular Weight	25 kDa
NCBI Official Full Name	protein-L-isoaspartate(D-aspartate) O-methyltransferase isoform 6

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pcmt1-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225510>