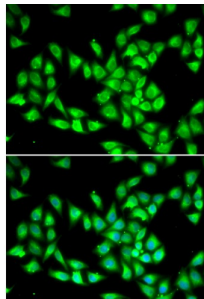


# Protein-L-Isoaspartate(D-Aspartate) O-Methyltransferase (PCMT1) Antibody

Catalogue No.: abx005124



Immunofluorescence analysis of HeLa cells using PCMT1 Antibody

PCMT1 Antibody is a Rabbit Polyclonal antibody against PCMT1. 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.

**Target:** Protein-L-Isoaspartate(D-Aspartate) O-Methyltransferase (PCMT1)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse, Rat

**Tested Applications:** IF/ICC

**Host:** Rabbit

**Recommended dilutions:** IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Recombinant fusion protein corresponding to human PCMT1

**Isotype:** IgG

**Form:** Liquid

**Purification:** Purified by affinity chromatography.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

# Datasheet

Version: 4.0.0  
Revision date: 02 Sep 2025



**UniProt Primary AC:** P22061 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** PCMT1

**GeneID:** [5110](#)

**NCBI Accession:** NP\_001238978.1

**KEGG:** hsa:5110

**String:** [9606.ENSP00000356354](#)

**Buffer:** PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

**Concentration:** 1 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only