

PCMT1 antibody

Catalog No: #39098

Package Size: #39098-1 50ul #39098-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

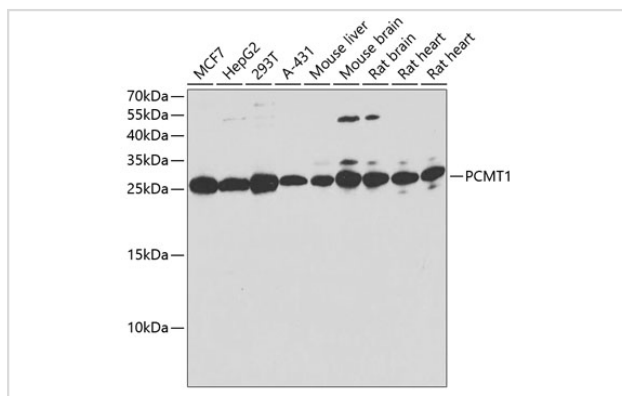
Description

Product Name	PCMT1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total PCMT1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PCMT1.
Target Name	PCMT1
Other Names	PIMT;
Accession No.	Swiss-Prot#: P22061NCBI Gene ID: 5110
Uniprot	P22061
GeneID	5110;
SDS-PAGE MW	24kd
Concentration	1.0mg/ml
Formulation	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.
Storage	Store at -20°C

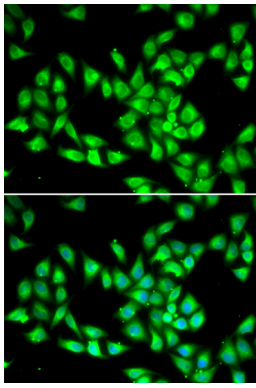
Application Details

WB □ 1:500 - 1:2000IF □ 1:50 - 1:100IP □ 1:50 - 1:200

Images



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



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

Background

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.

Note: This product is for in vitro research use only