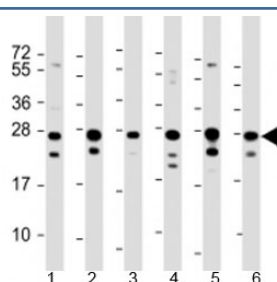


## PCMT1 Antibody / PIMT (F53949)

Catalog No.	Formulation	Size
F53949-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53949-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P22061
<b>Applications</b>	Western Blot : 1:1000-2000
<b>Limitations</b>	This PCMT1 antibody is available for research use only.



Western blot testing of human 1) HeLa, 2) HepG2, 3) Jurkat, 4) Raji, 5) 293 and 6) 293T/17 cell lysate with PCMT1 antibody at 1:2000. Predicted molecular weight: 25 kDa.

## Description

Catalyzes the methyl esterification of L-isoaspartyl and D-aspartyl residues in peptides and proteins that result from spontaneous decomposition of normal L-aspartyl and L-asparaginyl residues. It plays a role in the repair and/or degradation of damaged proteins. Acts on microtubule-associated protein 2, calreticulin, clathrin light chains a and b, Ubiquitin carboxyl- terminal hydrolase isozyme L1, phosphatidylethanolamine-binding protein 1, stathmin, beta-synuclein and alpha-synuclein (By similarity).

## Application Notes

Titration of the PCMT1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

A portion of amino acids 93-126 from the human protein was used as the immunogen for the PCMT1 antibody.

## **Storage**

Aliquot the PCMT1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.