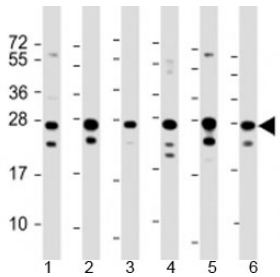
PCMT1 Antibody / PIMT (F53949)

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

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P22061
Applications	Western blot: 1:1000-2000
Limitations	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.

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