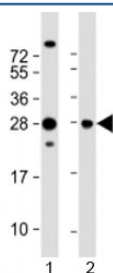


PIMT Antibody / PCMT1 (F53950)

Catalog No.	Formulation	Size
F53950-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53950-0.05ML	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, Rat
Predicted Reactivity	Mouse, Bovine, Pig
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P22061
Applications	Western Blot : 1:1000-2000
Limitations	This PIMT antibody is available for research use only.



Western blot testing of 1) human HepG2 and 2) rat PC-12 cell lysate with PIMT 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 PIMT antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 18-55 from the human protein was used as the immunogen for the PIMT antibody.

Storage

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