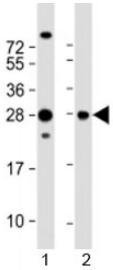
# PIMT Antibody / PCMT1 (F53950)

| 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 |
| **Host** | Rabbit |
| **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.


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