

## Rabbit anti-Human, Mouse PCMT1 Polyclonal Antibody | anti-PCMT1 antibody

PCMT1 antibody

|                               |                       |                                   |                                                         |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA302714</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------------------|

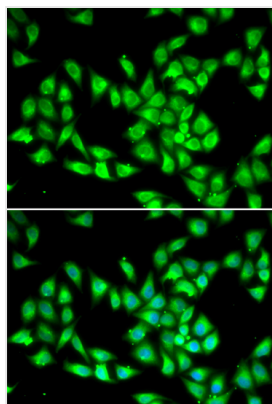
### PRODUCT SYNONYMS

PCMT1; Polyclonal Antibody; PCMT1 antibody; PIMT; anti-PCMT1 antibody

### PRODUCT SPECIFICATIONS

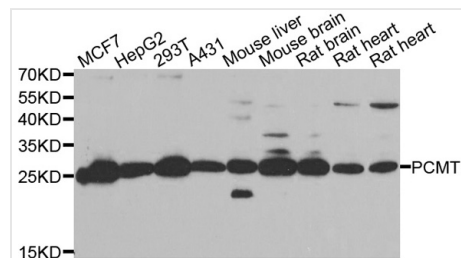
|                                                 |                                                                                                                                                              |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                       |
| Reactivity                                      | Human, Mouse                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                                   |
| Specificity                                     | The antibody detects endogenous level of total PCMT1 antibody.                                                                                               |
| Purity/Purification                             | Antibodies were purified by affinity purification using immunogen.                                                                                           |
| Form/Format                                     | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                   | 1.0 mg/ml (varies by lot)                                                                                                                                    |
| Sequence Length                                 | 286                                                                                                                                                          |
| Applicable Applications for anti-PCMT1 antibody | IF (Immunofluorescence), WB (Western Blot)                                                                                                                   |
| Immunogen Type                                  | Recombinant Protein                                                                                                                                          |
| Immunogen Description                           | Recombinant protein of human PCMT1.                                                                                                                          |
| Target Name                                     | PCMT1                                                                                                                                                        |
| Preparation and Storage                         | Store at -20 degree C                                                                                                                                        |

### IMAGES



#### IF (Immunofluorescence)

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



#### WB (Western Blot)

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

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PCMT1 antibody | 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. |
| Product Categories/Family for anti-PCMT1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 354983493                                                                                      |
| NCBI GeneID                      | 5110                                                                                           |
| NCBI Accession #                 | NP_001238978.1                                                                                 |
| NCBI GenBank Nucleotide #        | NM_001252049.1                                                                                 |
| UniProt Accession #              | P22061; Q14661; Q16556; Q5VYC1; Q5VYC2; Q93061; Q96I19; Q99625; Q9BQV7; Q9BQV8; A8K109; J3KP72 |
| Molecular Weight                 | 24,679 Da                                                                                      |
| NCBI Official Full Name          | protein-L-isoaspartate(D-aspartate) O-methyltransferase isoform 2                              |
| NCBI Official Synonym Full Names | protein-L-isoaspartate (D-aspartate) O-methyltransferase                                       |
| NCBI Official Symbol             | PCMT1                                                                                          |
| NCBI Official Synonym Symbols    | PIMT                                                                                           |
| NCBI Protein Information         | protein-L-isoaspartate(D-aspartate) O-methyltransferase                                        |
| UniProt Protein Name             | Protein-L-isoaspartate(D-aspartate) O-methyltransferase                                        |
| UniProt Gene Name                | PCMT1                                                                                          |
| UniProt Synonym Gene Names       | PIMT                                                                                           |
| UniProt Entry Name               | PIMT_HUMAN                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pcmt1-antibody-immunofluorescence-western-blot-elisa/302714>