

Anti-PCMT1 Antibody Picoband® APC Conjugated

Catalog Number: A04579-2-APC

About PCMT1

Protein-L-isoaspartate(D-aspartate) O-methyltransferase is an enzyme that in humans is encoded by the PCMT1 gene. 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.

Overview

| | |
|----------------------|---|
| Product Name | Anti-PCMT1 Antibody Picoband® APC Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Application | Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, IF, IHC, ICC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ N. |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | P22061 |

Technical Details

| | |
|------------------|--|
| Immunogen | E.coli-derived human PCMT1 recombinant protein (Position: M1-K227). Human PCMT1 shares 96% and 95.6% amino acid (aa) sequence identity with mouse and rat PCMT1, respectively. |
| Cross Reactivity | No cross reactivity with other proteins. |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | APC Excitation Wavelength: 633-647 nm Emission Wavelength: 660 nm |

Suggested Dilutions

Optimal dilutions should be determined by end users.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-PCMT1 Antibody - APC

For Research Use Only. Not for use in diagnostic procedures.