



# GOAT ANTI-PAMCI ANTIBODY

**SKU:** EB05203



## SPECIFICATIONS

|                              |                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Formulation</b>           | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                                                                                                                                                                                                                                                                |
| <b>Unit Size</b>             | 100 µg                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Storage Instructions</b>  | Aliquot and store at -20°C. Minimize freezing and thawing.                                                                                                                                                                                                                                                                                                                     |
| <b>Synonym / Alias Names</b> | peptidylglycine alpha-amidating monooxygenase COOH-terminal interactor protein-1 P-CIP1 peptidylglycine alpha-amidating monooxygenase COOH-terminal interactor PAMCI                                                                                                                                                                                                           |
| <b>Accession ID</b>          | NP_005438.2                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Immunogen</b>             | Peptide with sequence C-QDSETTVGDVLLST, from the C Terminus of the protein sequence according to NP_005438.2.                                                                                                                                                                                                                                                                  |
| <b>Peptide Sequence</b>      | C-QDSETTVGDVLLST                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purification Method</b>   | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                                                                                                                                                                                                                          |
| <b>Shipping Instructions</b> | Refrigerated                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Predicted Species</b>     | Human, Mouse, Rat, Dog, Cow                                                                                                                                                                                                                                                                                                                                                    |
| <b>Reactive Species</b>      | Mouse                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Human Gene ID</b>         | 9182                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Product Grade</b>         | <a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>                                                                                                                                              |
| <b>Western Blot</b>          | Western blot: Approx 65-75kDa band seen in Mouse Kidney extracts. Recommended for use at 0.5-2µg/ml. Overnight incubation is recommended with this antibody. Please note that, although the predicted Mw of this protein is 48kDa, Chen et al [J Biol Chem 1998 Dec 11;273(50):33524-32] observed that recombinant rat P-CIP1 (same length, 85% identity) ran at approx 66kDa. |
| <b>Application Type</b>      | Pep-ELISA, WB                                                                                                                                                                                                                                                                                                                                                                  |