

Product Information

Anti-MEP1b
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW21535**

Formerly listed as GenWay Catalog Number 15-288-21535,
Meprin A subunit beta Antibody.

Storage Temperature Store at -20 °C

Synonyms: Meprin A, beta, EC 3.4.24.18; Endopeptidase-2; N-benzoyl-L-tyrosyl-P-amino-benzoic acid hydrolase subunit beta; PABA peptide hydrolase; PPH beta

Product Description

Meprins are multidomain zinc metalloproteases that are highly expressed in mammalian kidney and intestinal brush border membranes and in leukocytes and certain cancer cells. Mature meprins are oligomers of evolutionarily related, separately encoded alpha and/or beta subunits. Homooligomers of meprin-alpha (MEP1A) are secreted; oligomers containing meprin-beta are associated with the plasma membrane. Substrates include bioactive peptides and extracellular matrix proteins.

NCBI Accession number: NP_005916.1

Swiss Prot Accession number: Q16820

Gene Information: Human .. MEP1B (4225)

Immunogen: Recombinant protein Meprin A, beta

Immunogen Sequence: GI # 5174551, sequence 379 - 527

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at 2–8 °C for up to one week. For extended storage, store in -20 °C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

LPG,MAM12/09-1

Sigma brand products are sold through Sigma-Aldrich, Inc.

Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply. Please see reverse side of the invoice or packing slip.