

Rabbit MEP1B Polyclonal Antibody | anti-MEP1B antibody

Anti-MEP1B Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19870	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

MEP1B; Polyclonal Antibody; Anti-MEP1B Antibody Picoband; anti-MEP1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-MEP1B antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 0.25-0.5ug/ml, Mouse, Rat IHC: 2-5ug/ml, Mouse, Rat ELISA: 0.1-0.5ug/ml
Immunogen	E coli-derived human MEP1B recombinant protein (Position: H73-Q489). Human MEP1B shares 82.3% and 81.5% amino acid (aa) sequence identity with mouse and rat MEP1B, respectively.
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.

Product Categories/Family for anti-MEP1B antibody	Primary Antibodies
References	1. Bond, J. S., Rojas, K., Overhauser, J., Zoghbi, H. Y., Jiang, W. The structural genes, MEP1A and MEP1B, for the alpha and beta subunits of the metalloendopeptidase meprin map to human chromosomes 6p and 18q, respectively. Genomics 25: 300-303, 1995. 2. Crisman, J. M., Zhang, B., Norman, L. P., Bond, J. S. Deletion of the mouse meprin beta metalloprotease gene diminishes the ability of leukocytes to disseminate through extracellular matrix. J. Immun. 172: 4510-4519, 2004.3. Gorbea, C. M., Marchand, P., Jiang, W., Copeland, N. G., Gilbert, D. J., Jenkins, N. A., Bond, J. S. Cloning, expression, and chromosomal localization of the mouse meprin beta subunit. J. Biol. Chem. 268: 21035-21043, 1993.

NCBI AND UNIPROT INFORMATION

NCBI GI #	815890920
NCBI GeneID	4225
NCBI Accession #	NP_001295100.1
NCBI GenBank Nucleotide #	NM_001308171.1
UniProt Accession #	Q16820; Q670J1; B7ZM35; B9EGL6
Molecular Weight	79,571 Da
NCBI Official Full Name	meprin A subunit beta isoform 2
NCBI Official Synonym Full Names	meprin A subunit beta
NCBI Official Symbol	MEP1B
NCBI Protein Information	meprin A subunit beta
UniProt Protein Name	Meprin A subunit beta
UniProt Gene Name	MEP1B

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.