

MEP1B Polyclonal Antibody

Catalog No.	IPB8022
Reactivity	Human; Mouse; Rat
Applications	WB; ELISA
Dilution	WB: 1:500-2000 ELISA: 1:5000-20000
Gene Name	MEP1B
Protein Name	Meprin A subunit beta (EC 342463) (Endopeptidase-2) (Meprin B) (N-benzoyl-L-tyrosyl-P-amino-benzoic acid hydrolase subunit beta) (PABA peptide hydrolase) (PPH beta)
Human Gene Id	4225
Swiss-Prot	Q16820
Formulation	Liquid in PBS containing 50% glycerol, and 002% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Cell membrane; Single-pass type I membrane protein Secreted Homodimers are essentially membrane bound but may also be shed from the surface by ADAM-10 and ADAM-17
MW	-
Background	Meprins are multidomain zinc metalloproteases that are highly expressed in mammalian kidney and intestinal brush border membranes, and in leukocytes and certain cancer cells They are involved in the hydrolysis of a variety of peptide and protein substrates, and have been implicated in cancer and intestinal inflammation Mature meprins are oligomers of evolutionarily related, but separately encoded alpha and/or beta subunits Homooligomers of alpha subunit are secreted, whereas, oligomers containing the beta subunit are plasma membrane-bound This gene encodes the beta subunit Targeted disruption of this gene in mice affects embryonic viability, renal gene expression profiles, and distribution of the membrane-associated alpha subunit in kidney and intestine

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