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MEP1A/Meprin alpha Rabbit pAb

Catalog # AP99528

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q16819
Other Accession	Q16819
Predicted	Rat, Pig, Human, Mouse, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	84419
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MEP1A
Epitope Specificity	301-400/746
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the peptidase M12A family.Contains 1 EGF-like domain.Contains 1 MAM domain.Contains 1 MATH domain.
SUBUNIT	Homotetramer consisting of disulfide-linked alpha subunits, homooligomer consisting of disulfide-linked alpha subunit homodimers, or heterotetramer of two alpha and two beta subunits formed by non-covalent association of two disulfide-linked heterodimers (By similarity). Interacts with MBL2 through its carbohydrate moiety. This interaction may inhibit its catalytic activity (By similarity).
Post-translational modifications	N-glycosylated; contains GlcNAc, galactose, mannose and a small amount of fucose (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Hydrolysis of protein and peptide substrates preferentially on carboxyl side of hydrophobic residues

Additional Information

Gene ID	4224
Other Names	PPHA; Mep-1; Mep-1a; Mep1; MEP1A_HUMAN; MEP1A; Endopeptidase-2; N-benzoyl-L-tyrosyl-P-amino-benzoic acid hydrolase subunit alpha; PABA peptide hydrolase; PPH alpha; 3.4.24.18; MEP1A_MOUSE; meprin A subunit alpha; meprin A, alpha (PABA peptide hydrolase)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MEP1A
Cellular Location	Membrane; Single-pass type I membrane protein.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.