



Rabbit Anti-MEP1A/Meprin alpha antibody

SL6056R

Product Name:	MEP1A/Meprin alpha
Chinese Name:	苯甲酸肽水解酶抗体
Alias:	Endopeptidase 2; Endopeptidase-2; Mep1a; MEP1A_HUMAN; Meprin A alpha (PABA peptide hydrolase); Meprin A alpha subunit precursor; Meprin A subunit alpha; N benzoyl L tyrosyl P amino benzoic acid hydrolase alpha subunit; N-benzoyl-L-tyrosyl-P-amino-benzoic acid hydrolase subunit alpha; PABA peptide hydrolase; PPH alpha; PPHA.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	77kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MEP1A:301-400/746
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	Hydrolysis of protein and peptide substrates preferentially on carboxyl side of hydrophobic residues

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).

Subcellular Location:

Membrane; Single-pass type I membrane protein.

Post-translational modifications:

N-glycosylated; contains GlcNAc, galactose, mannose and a small amount of fucose (By similarity).

Similarity:

Belongs to the peptidase M12A family.
Contains 1 EGF-like domain.
Contains 1 MAM domain.
Contains 1 MATH domain.

SWISS:

Q16819

Gene ID:

4224

Database links:

[Entrez Gene: 4224](#) Human

[Entrez Gene: 17287](#) Mouse

[Omim: 600388](#) Human

[SwissProt: Q16819](#) Human

[SwissProt: P28825](#) Mouse

[Unigene: 179704](#) Human

[Unigene: 5346](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

