

## 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.

**Research Area** Cell biology immunology

**Immunogen Species** Rabbit

**Clonality** Polyclonal

**React Species** (predicted: Human, Mouse, Rat, Dog, Pig, Horse, Rabbit, )  
WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000

**Applications** (Paraffin sections need antigen repair)  
not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.

**Theoretical molecular weight** 77kDa

**Cellular localization** The cell membrane

**Form** Liquid

**Concentration** 1mg/ml

**immunogen** KLH conjugated synthetic peptide derived from human MEP1A: 301-400/746

**Lsotype** IgG

**Purification** affinity purified by Protein A

**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

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



**PubMed**

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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.

**Product  
Detail**

**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



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[Unigene: 5346](#) Mouse