Meprin beta Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57252

Specification

Meprin beta Polyclonal Antibody - Product Information

Application	**IHC-P, IHC-F, IF, ICC**
Primary Accession	[Q16820](Q16820)
Reactivity	**Rat, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**79571**

Meprin beta Polyclonal Antibody - Additional Information

Gene ID 4225

Other Names
Meprin A subunit beta, 3.4.24.63, Endopeptidase-2, Meprin B, N-benzoyl-L-tyrosyl-P-amino-benzoic acid hydrolase subunit beta, PABA peptide hydrolase, PPH beta, MEP1B

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ 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 ℃.

Meprin beta Polyclonal Antibody - Protein Information

Name MEP1B

Function
Membrane metallopeptidase that sheds many membrane-bound proteins. Exhibits a strong preference for acidic amino acids at the P1' position. Known substrates include: FGF19, VGFA, IL1B, IL18, procollagen I and III, E-cadherin, KLK7, gastrin, ADAM10, tenascin-C. The presence of several pro-inflammatory cytokine among substrates implicate MEP1B in inflammation. It is also involved in tissue remodeling due to its capability to degrade extracellular matrix components.

Cellular Location
Cell membrane; Single-pass type I membrane protein. Secreted. Note=Homodimers are essentially membrane bound but may also be shed from the surface by ADAM-10 and ADAM-17

Tissue Location
The major site of expression is the brush border membrane of small intestinal and kidney epithelial cells

Meprin beta Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Meprin beta Polyclonal Antibody - Images