

Prolyl Endopeptidase Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57432

Specification

Prolyl Endopeptidase Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, ICC, E

Primary Accession
Reactivity
Rat, Bovine
Host
Clonality
Calculated MW
Physical State

P48147
Rat, Bovine
Rabbit
Polyclonal
S1 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

from human Prolyl Endopeptidase

141-240/710

IgG

Epitope Specificity

Isotype 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 S9A family.

Post-translational modifications The N-terminus is blocked.

Important Note

This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

Background Descriptions

The protein encoded by this gene is a cytosolic prolyl endopeptidase that cleaves peptide bonds on the C-terminal side of prolyl residues within peptides that are up to approximately 30 amino acids long. Prolyl endopeptidases have been reported to be involved in the maturation and degradation of peptide hormones and neuropeptides. [provided by RefSeq, Jul 2008]

Prolyl Endopeptidase Polyclonal Antibody - Additional Information

Gene ID 5550

Other Names

Prolyl endopeptidase, PE, 3.4.21.26, Post-proline cleaving enzyme, PREP, PEP

Target/Specificity

Cytoplasm.

Dilution

WB \sim 1:1000
<span class

="dilution IHC-P">IHC-P~~N/A<br \><span class

="dilution_IHC-F">IHC-F~~N/A<br \><span class

="dilution_IF">IF~~1:50~200

>ICC~~N/A

>F_---N/A



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.

Prolyl Endopeptidase Polyclonal Antibody - Protein Information

Name PREP

Synonyms PEP

Function

Cleaves peptide bonds on the C-terminal side of prolyl residues within peptides that are up to approximately 30 amino acids long.

Cellular Location

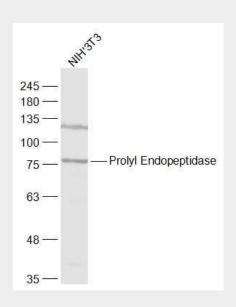
Cytoplasm.

Prolyl Endopeptidase Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

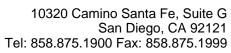
Prolyl Endopeptidase Polyclonal Antibody - Images



Sample:

NIH/3T3(Mouse) Cell Lysate at 30 ug

Primary: Anti-Prolyl Endopeptidase (bs-19182R) at 1/1000 dilution





Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 81 kD Observed band size: 81 kD