

Prolyl Endopeptidase Rabbit pAb

Prolyl Endopeptidase Rabbit pAb Catalog # AP57432

Product Information

Application WB Primary Accession P48147

Reactivity Rat, Rabbit, Chicken, Horse

HostRabbitClonalityPolyclonalCalculated MW80700Physical StateLiquid

Immunogen KLH conjugated synthetic peptide derived from human Prolyl Endopeptidase

Epitope Specificity 141-240/710

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 S9A family.

Post-translational The N-terminus is blocked.

modifications

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]

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=1:500-2000

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 PREP

Synonyms PEP

Function Cleaves peptide bonds on the C-terminal side of prolyl residues within

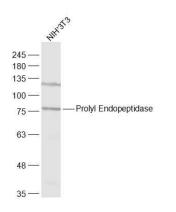
peptides that are up to approximately 30 amino acids long.

Cellular Location Cytoplasm.

Background

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]

Images



Sample:

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

Primary: Anti-Prolyl Endopeptidase (AP57432) at 1/1000

dilution

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

dilution

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

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