

Product Name: PREP Rabbit Polyclonal Antibody**Catalog #: APRab00513**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 81 kDa; Observed MW: 81 kDa

Antigen Information

Gene Name	PREP
Alternative Names	PREP; PEP; Prolyl endopeptidase; PE; Post-proline cleaving enzyme
Gene ID	5550.0
SwissProt ID	P48147
Immunogen	Synthesized peptide derived from PREP . at AA range: 10-90

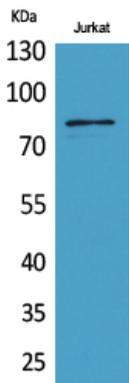
Background

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

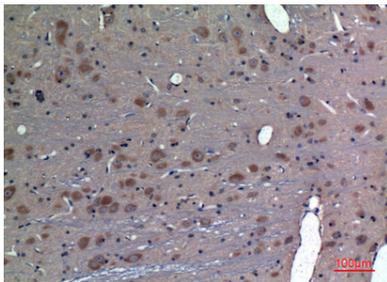
be involved in the maturation and degradation of peptide hormones and neuropeptides.

Research Area

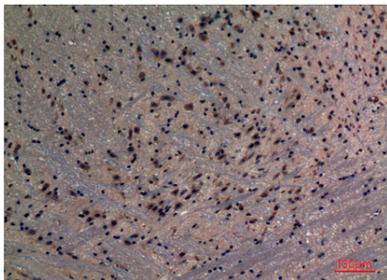
Image Data



Western blot analysis of PREP in Jurkat lysates using PREP antibody.



Immunohistochemistry analysis of paraffin-embedded rat brain using PREP antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded mouse brain using PREP antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.