

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



## Summary

<b>Production Name</b>	PREP Rabbit Polyclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	PREP
<b>Alternative Names</b>	PREP; PEP; Prolyl endopeptidase; PE; Post-proline cleaving enzyme
<b>Gene ID</b>	5550.0
<b>SwissProt ID</b>	P48147

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000
<b>Molecular Weight</b>	Calculated MW: 81 kDa; Observed MW: 81 kDa

## Background

The protein encoded by this gene is a cytosolic prolyl endopeptidase that cleaves peptide bonds on the C-terminal side of

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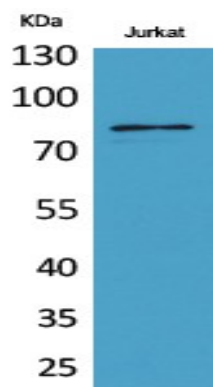


prolyl residues within peptides that are up to approximately 30 amino acids long. Prolyl endopeptidases have been reported to be involved in the maturation and degradation of peptide hormones and neuropeptides.

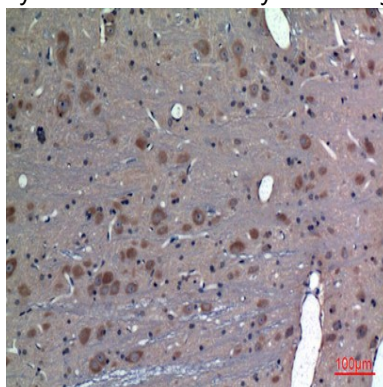
## Research Area

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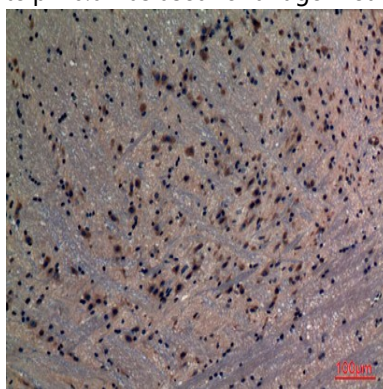
## Image Data



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

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Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note**

For research use only.