

Prolyl Endopeptidase / PREP Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2516a**Specification**

Prolyl Endopeptidase / PREP Antibody (internal region) - Product Information

Application	IHC, E
Primary Accession	P48147
Other Accession	NP_002717.3 , 5550 , 19072 (mouse) , 83471 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	80700

Prolyl Endopeptidase / PREP Antibody (internal region) - Additional Information**Gene ID** 5550**Other Names**

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

Dilution

IHC~~1:100~500

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Prolyl Endopeptidase / PREP Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Prolyl Endopeptidase / PREP Antibody (internal region) - 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.

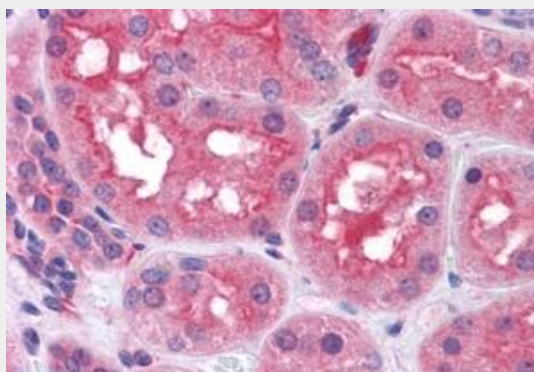
Cellular Location

Cytoplasm.

Prolyl Endopeptidase / PREP Antibody (internal region) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Prolyl Endopeptidase / PREP Antibody (internal region) - Images

AF2516a (3.8 µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Prolyl Endopeptidase / PREP Antibody (internal region) - References

Alterations of prolyl endopeptidase activity in the plasma of children with autistic spectrum disorders. Momeni N, Nordstrom BM, Horstmann V, Avarsaji H, Sivberg BV. BMC Psychiatry. 2005 Jun 2;5(1):27 [Epub ahead of print] PMID: 15932649