

Product Datasheet

Prolyl Oligopeptidase/PREP Antibody NB100-40792

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-40792

Prolyl Oligopeptidase/PREP Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Prolyl Oligopeptidase/PREP Antibody (NB100-40792) is a polyclonal antibody validated for use in IHC and ELISA. Anti-Prolyl Oligopeptidase/PREP Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5550
Gene Symbol	PREP
Species	Human
Immunogen	Peptide with sequence C-QYIVGRSRKQSNP corresponding to internal region according to NP_002717.3.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 3.75 ug/ml, Immunohistochemistry-Paraffin 3.75 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Preliminary experiments gave an approx. 45 kDa band in human brain, lymph node, spleen and testis lysates after 0.3 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 80.7 kDa band according to NP_002717.3. The 45 kDa band was successfully blocked by incubation with the immunizing peptide. IHC-P: Human kidney shows distinct staining patterns in the cytoplasm of PCT.

Images

Immunohistochemistry-Paraffin: Prolyl Oligopeptidase/PREP Antibody [NB100-40792] - Staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: Prolyl Oligopeptidase/PREP Antibody [NB100-40792] - staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Momeni N, Nordstrom BM, Horstmann V et al. Alterations of prolyl endopeptidase activity in the plasma of children with autistic spectrum disorders. BMC Psychiatry 2005-06-02 [PMID: 15932649]



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Products Related to NB100-40792

NBL1-14749	Prolyl Oligopeptidase/PREP Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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