

Rabbit NP1 (Nptx1) Polyclonal Antibody | anti-Nptx1 antibody

NP1 (Nptx1) Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286537	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

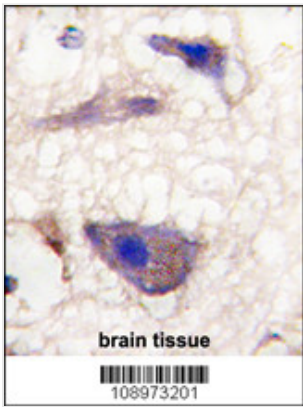
PRODUCT SYNONYMS

NP1 (Nptx1); Polyclonal Antibody; NP1 (Nptx1) Antibody (C-term); Neuronal pentraxin-1; NP1; 47 kDa taipoxin-binding protein; Neuronal pentraxin I; NP-I; Nptx1; anti-Nptx1 antibody

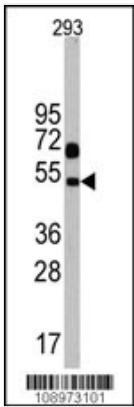
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NP1(Nptx1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 364-393 amino acids from the C-terminal region of human NP1(Nptx1).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 1.35 (varies by lot)
Sequence Positions	364-393
Sequence Length	432
Applicable Applications for anti-Nptx1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	RAT
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with Nptx1 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of Nptx1 Antibody (C-term) in 293 cell line lysates (35ug/lane). Nptx1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-Nptx1 antibody	NPTX1 is a member of the neuronal pentraxin gene family. Human neuronal pentraxin 1 is similar to the rat NP1 gene which encodes a binding protein for the snake venom toxin taipoxin.
References	Hossain,M.A., J. Neurosci. 24 (17), 4187-4196 (2004) Schlimgen,A.K., Neuron 14 (3), 519-526 (1995)

NCBI AND UNIPROT INFORMATION

NCBI GI #	24308510
NCBI GeneID	266777
NCBI Accession #	NP_714957.1
NCBI GenBank Nucleotide #	NM_153735.2
UniProt Accession #	P47971
Molecular Weight	47216
NCBI Official Full Name	neuronal pentraxin-1
NCBI Official Synonym Full Names	neuronal pentraxin I
NCBI Official Symbol	Nptx1
NCBI Protein Information	neuronal pentraxin-1
UniProt Protein Name	Neuronal pentraxin-1
UniProt Gene Name	Nptx1
UniProt Synonym Gene Names	NP1; NP-I
UniProt Entry Name	NPTX1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.