

Goat NPTX1 / NP1 Polyclonal Antibody | anti-NPTX1 antibody

Goat Polyclonal to Human NPTX1 / NP1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52403	Goat	Gibbon, Chimpanzee, Human, Monkey	ELISA, Western Blot, Immunohistochemistry

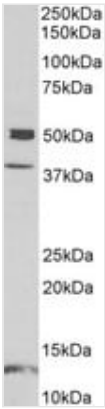
PRODUCT SYNONYMS

NPTX1 / NP1; Polyclonal Antibody; Goat Polyclonal to Human NPTX1 / NP1; Anti-NPTX1 / NP1 Antibody (aa197-211) IHC-plus; NPTX1; Neuronal pentraxin-1; Neuronal pentraxin I; NP-I; NP1; Human NPTX1; anti-NPTX1 antibody

PRODUCT SPECIFICATIONS

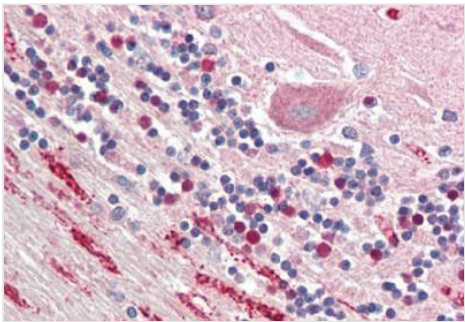
Host	Goat
Reactivity	Gibbon, Chimpanzee, Human, Monkey
Clonality	Polyclonal
Specificity	Human NPTX1 / NP1
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	432
Applicable Applications for anti-NPTX1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-ERVKIETALTSQHQR from an internal region of human NPTX1 / NP1 (NP_002513.2). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey (100%); Ferret, Bovine, Elephant, Panda, Horse, Pig (93%).
Immunogen Type	Synthetic peptide
Immunogen	NPTX1 / NP1 antibody was raised against synthetic peptide C-ERVKIETALTSQHQR from an internal region of human NPTX1 / NP1 (NP_002513.2). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey (100%); Ferret, Bovine, Elephant, Panda, Horse, Pig (93%); Mouse, Rat, Guinea pig (87%); Rabbit, Chicken, Lizard (80%).
Antigen Modification	aa197-211
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

NPTX1 antibody (1 ug/ml) staining of Human Frontal Cortex lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)

Anti-NPTX1 / NP1 antibody IHC staining of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-NPTX1 antibody	NPTX1 is a member of the neuronal pentraxin gene family. Neuronal pentraxin 1 is similar to the rat NP1 gene which encodes a binding protein for the snake venom toxin taipoxin. Human NPTX1 mRNA is exclusively localized to the nervous system.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55770878
NCBI GeneID	4884
NCBI Accession #	NP_002513.2
NCBI GenBank Nucleotide #	NM_002522.3
UniProt Accession #	Q15818; Q5FWE6; B3KXH3
Molecular Weight	47,122 Da
NCBI Official Full Name	neuronal pentraxin-1
NCBI Official Synonym Full Names	neuronal pentraxin I
NCBI Official Symbol	NPTX1
NCBI Official Synonym Symbols	NP1
NCBI Protein Information	neuronal pentraxin-1; NP-I
UniProt Protein Name	Neuronal pentraxin-1
UniProt Gene Name	NPTX1
UniProt Synonym Gene Names	NP1; NP-I
UniProt Entry Name	NPTX1_HUMAN

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.