

Rabbit NPTX2 Polyclonal Antibody | anti-NPTX2 antibody

NPTX2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290686	Rabbit	Human; Predicted Reactivity: Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

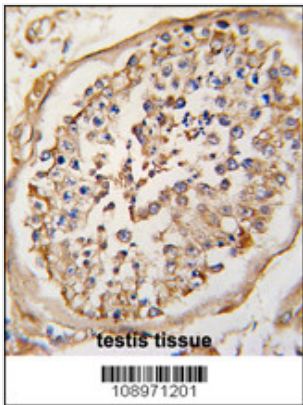
PRODUCT SYNONYMS

NPTX2; Polyclonal Antibody; NPTX2 Antibody (Center); Neuronal pentraxin-2; NP2; Neuronal pentraxin II; NP-II; anti-NPTX2 antibody

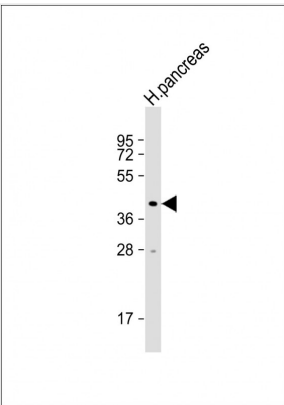
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human; Predicted Reactivity: Mouse, Rat
Clonality	Polyclonal
Isotype	Ig
Specificity	This NPTX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 160-189 amino acids from the Central region of human NPTX2.
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.
Sequence Length	431
Applicable Applications for anti-NPTX2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Subtitle	Purified Rabbit Polyclonal Antibody (Pab)
Cellular Location	Secreted.
Tissue Location	Brain, pancreas, liver, heart and skeletal muscle. Highest levels are seen in the testis.
Antigen Region	160-189 aa
Antigen Type	Synthetic Peptide
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 (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human testis tissue reacted with NARP(Nptx2) Antibody (Center), 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)
Anti-NPTX2 (Center) at 1:1000 dilution + H. pancreas whole cell lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 47 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-NPTX2 antibody	Description: NPTX2 is likely to play a role in the modification of cellular properties that underlie long-term plasticity. It binds to agar matrix in a calcium-dependent manner. Background: Likely to play role in the modification of cellular properties that underlie long-term plasticity. Binds to agar matrix in a calcium-dependent manner (By similarity).
Product Categories/Family for anti-NPTX2 antibody	Primary Antibodies; Neuroscience
References	Park,J.K., Pancreas 35 (3), E9-E15 (2007). Marui,T., Prog. Neuropsychopharmacol. Biol. Psychiatry 31 (4), 940-943 (2007). Kirkpatrick,L.L., J. Biol. Chem. 275 (23), 17786-17792 (2000). Dodds,D.C.,. Biol. Chem. 272 (34), 21488-21494 (1997). Hsu,Y.C., Genomics 28 (2), 220-227 (1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	28195384
NCBI GeneID	4885
NCBI Accession #	NP_002514.1
NCBI GenBank Nucleotide #	NM_002523.2
UniProt Accession #	P47972; Q86XV7; Q96G70; A4D267
Molecular Weight	47042 Da
NCBI Official Full Name	neuronal pentraxin-2
NCBI Official Synonym Full Names	neuronal pentraxin 2
NCBI Official Symbol	NPTX2
NCBI Official Synonym Symbols	NP2; NARP; NP-II
NCBI Protein Information	neuronal pentraxin-2
UniProt Protein Name	Neuronal pentraxin-2
UniProt Gene Name	NPTX2
UniProt Synonym Gene Names	NP2; NP-II

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nptx2-antibody-immunohistochemistry-western-blot-elisa/290686>