

NPTX2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2718c

Specification

NPTX2 Antibody (Center) - Product Information

Application WB, IHC-P,E Primary Accession P47972

Other Accession P97738, O70340

Reactivity
Predicted
Host
Clonality
Isotype
Calculated MW
Antigen Region
Human
Mouse, Rat
Rabbit
Polyclonal
Rabbit IgG
47042
Antigen Region
160-189

NPTX2 Antibody (Center) - Additional Information

Gene ID 4885

Other Names

Neuronal pentraxin-2, NP2, Neuronal pentraxin II, NP-II, NPTX2

Target/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.

Dilution

WB~~1:1000 IHC-P~~1:10~50

Format

Purified polyclonal 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.

Storage

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

Precautions

NPTX2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

NPTX2 Antibody (Center) - Protein Information

Name NPTX2





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Function 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).

Cellular Location Secreted.

Tissue Location

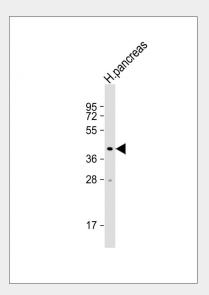
Brain, pancreas, liver, heart and skeletal muscle. Highest levels are seen in the testis

NPTX2 Antibody (Center) - Protocols

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

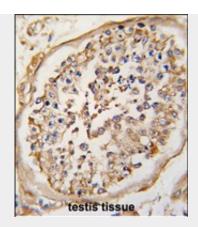
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

NPTX2 Antibody (Center) - Images



Anti-NPTX2 (Center) at 1:1000 dilution + H. pancreas whole cell lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 47 kDa Blocking/Dilution buffer: 5% NFDM/TBST.





Formalin-fixed and paraffin-embedded human testis tissue reacted with NARP(Nptx2) Antibody (Center) (Cat.#AP2718c), 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.

NPTX2 Antibody (Center) - Background

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.

NPTX2 Antibody (Center) - 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)