

Rabbit NXPH1 Polyclonal Antibody | anti-NXPH1 antibody

NXPH1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287539	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

NXPH1; Polyclonal Antibody; NXPH1 Antibody (N-term); Neurexophilin-1; NPH1; anti-NXPH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NXPH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 56-85 amino acids from the N-terminal region of human NXPH1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	56-85
Sequence Length	271
Applicable Applications for anti-NXPH1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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



FCM/FACS (Flow Cytometry)

NXPH1 Antibody (N-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human brain tissue reacted with NXPH1 Antibody (N-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)

NXP1 Antibody (N-term) western blot analysis in mouse cerebellum, brain tissue lysates (35ug/lane). This demonstrates the NXP1 antibody detected the NXP1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NXP1 antibody	NXP1 is a secreted protein with a variable N-terminal domain, a highly conserved, N-glycosylated central domain, a short linker region, and a cysteine-rich C-terminal domain. This protein forms a very tight complex with alpha neurexins, a group of proteins that promote adhesion between dendrites and axons.
Product Categories/Family for anti-NXP1 antibody	Neuroscience
References	Xu, J., et al. Proc. Natl. Acad. Sci. U.S.A. 107(5):2136-2140(2010) ?Shen, L., et al. Neuroimage (2010) In press : ?van den Oord, E.J., et al. Arch. Gen. Psychiatry 65(9):1062-1071(2008) ?Melzer, D., et al. PLoS Genet. 4 (5), E1000072 (2008) : ?Ohira, M., et al. Cancer Lett. 197 (1-2), 63-68 (2003) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	23097338
NCBI GeneID	30010
NCBI Accession #	NP_689958.1
NCBI GenBank Nucleotide #	NM_152745.2
UniProt Accession #	P58417; Q8NB31
Molecular Weight	31082
NCBI Official Full Name	neurexophilin-1
NCBI Official Synonym Full Names	neurexophilin 1
NCBI Official Symbol	NXP1
NCBI Official Synonym Symbols	NPH1; Nbla00697
NCBI Protein Information	neurexophilin-1
UniProt Protein Name	Neurexophilin-1
UniProt Gene Name	NXP1
UniProt Synonym Gene Names	NPH1
UniProt Entry Name	NXP1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nxph1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287539>