10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NXPH1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9543b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	P58417
Other Accession	Q63366, Q61200, Q5E9M6
Reactivity	Human, Mouse
Predicted	Bovine, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24152
Calculated MW	31082
Antigen Region	56-85

Additional Information

Gene ID	30010
Other Names	Neurexophilin-1, NXPH1, NPH1
Target/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.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
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.
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	NXPH1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NXPH1
Synonyms	NPH1

Function	May be signaling molecules that resemble neuropeptides and that act by binding to alpha-neurexins and possibly other receptors.
Cellular Location	Secreted.

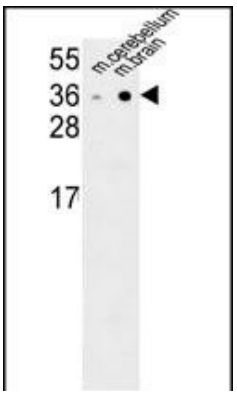
Background

NXPH1 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.

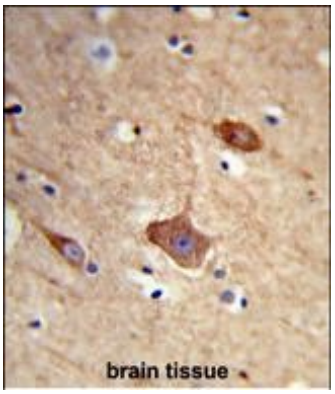
References

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Images

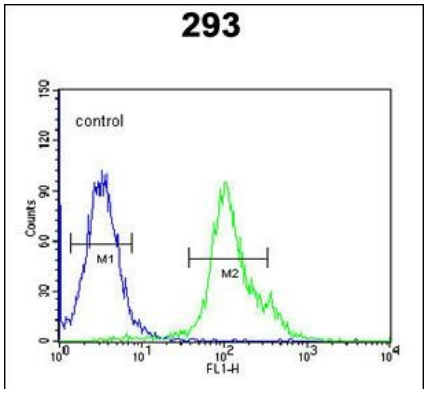


NXPH1 Antibody (N-term) (Cat. #AP9543b) western blot analysis in mouse cerebellum,brain tissue lysates (35ug/lane).This demonstrates the NXPH1 antibody detected the NXPH1 protein (arrow).



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.

NXPH1 Antibody (N-term) (Cat. #AP9543b) 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.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.