Datasheet for ABIN953660

anti-Neurexophilin 1 antibody (N-Term)

3 Images

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Overview

Quantity:	0.4 mL
Target:	Neurexophilin 1 (NXPH1)
Binding Specificity:	AA 63-93, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurexophilin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 63~93 amino acids from the N-terminal region of Human Neurexophilin-1 Genename: NXPH1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse Neurexophilin-1 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	Neurexophilin 1 (NXPH1)
Alternative Name:	Neurexophilin-1 (NXPH1 Products)

Target Details

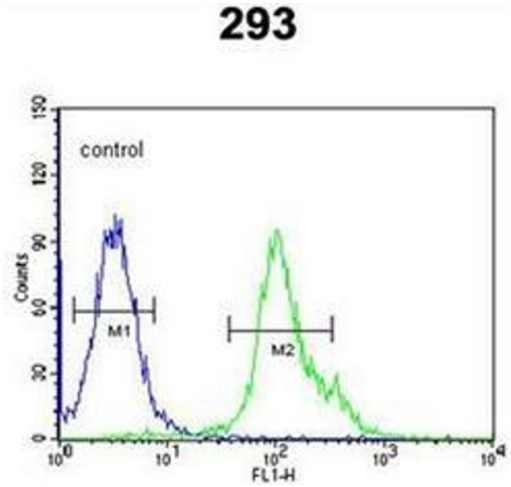
Background:	NXPH1 is a secreted protein with a variable N-terminal domain, a highly conserved, N-glycosylated central domain, a short linker region, and a cysteine-rich C-terminal domain. This protein forms a very tight complex with alpha neurexins, a group of proteins that promote adhesion between dendrites and axons.Synonyms: NPH1, NXPH1
Molecular Weight:	31082 Da
Gene ID:	30010
NCBI Accession:	NP_689958

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

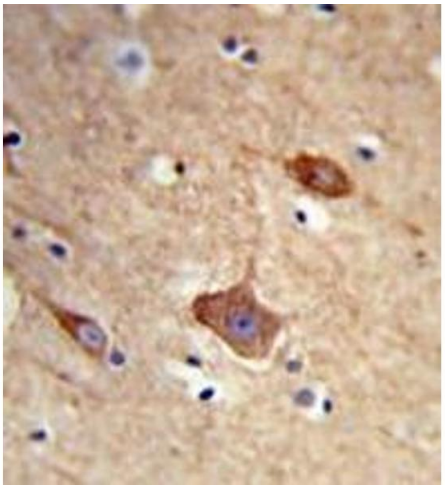
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



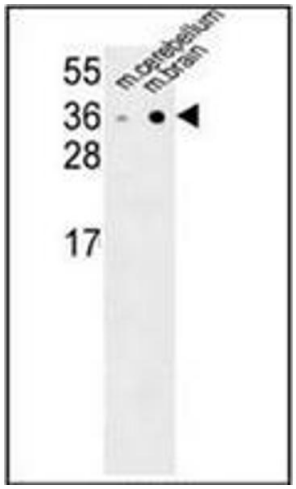
Flow Cytometry

Image 1. Flow cytometric analysis of 293 cells using NXPH1 Antibody (N-term) Cat.-No AP52979PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin-embedded human brain tissue reacted with NXPH1 Antibody (N-term) followed which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Western Blotting

Image 3. Western blot analysis of NXPH1 Antibody (N-term) in mouse cerebellum,brain tissue lysates (35ug/lane). This demonstrates the NXPH1 antibody detected the NXPH1 protein (arrow).