

For Research Use Only

NXPH1 Polyclonal antibody

Catalog Number: 13809-1-AP **1 Publications**



Basic Information

Catalog Number: 13809-1-AP	GenBank Accession Number: BC047505	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 227 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 30010	
Source: Rabbit	Full Name: neurexophilin 1	
Isotype: IgG	Calculated MW: 271 aa, 29 kDa	
Immunogen Catalog Number: AG4814		

Applications

Tested Applications:
ELISA

Cited Applications:
IHC

Species Specificity:
human, mouse, rat

Cited Species:
human

Background Information

Neurexophilins (NXPH) are a family of neuropeptide-like secreted glycoproteins expressed in specific regions of the brain. Neurexophilin1 (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. Northern blot analysis of a variety of human tissues detected NXPH1 expression in spleen; unlike NXPH2 to NXPH4, NXPH1 expression was not observed in brain.

Notable Publications

Author	Pubmed ID	Journal	Application
Faryna Marta M	22930747	FASEB J	IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data