

NXPH1 Polyclonal antibody

Catalog Number: 13809-1-AP

1 Publications

Basic Information

Catalog Number:

13809-1-AP

Size:

230 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4814

GenBank Accession Number:

BC047505

GeneID (NCBI):

30010

UNIPROT ID:

P58417

Full Name:

neurexophilin 1

Calculated MW:

271 aa, 29 kDa

Purification Method:

Antigen affinity purification

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

