

# NXPH1 Polyclonal antibody

Catalog Number: 13809-1-AP

1 Publications

## Basic Information

## Catalog Number:

13809-1-AP

## Size:

150ul , Concentration: 227 µg/ml by Bradford method using BSA as the standard;

## 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

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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