Rabbit anti-Rat NXPH1 Monoclonal Antibody | anti-NXPH1 antibody

Recombinant Anti-NXPH1 Antibody, Rabbit Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257294	**Rabbit**	**Rat**	**Immunohistochemistry**

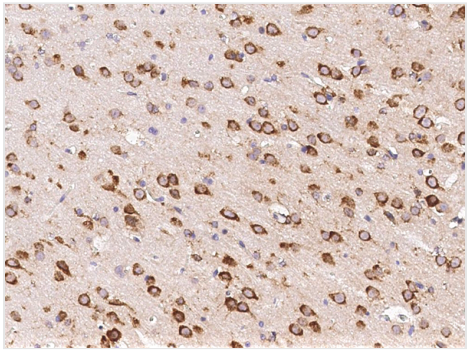
PRODUCT SYNONYMS

NXPH1; Monoclonal Antibody; Recombinant Anti-NXPH1 Antibody; Rabbit Monoclonal; Neurexophilin-1/NXPH1 Antibody; Rabbit MAb; neurexophilin 1; anti-NXPH1 antibody

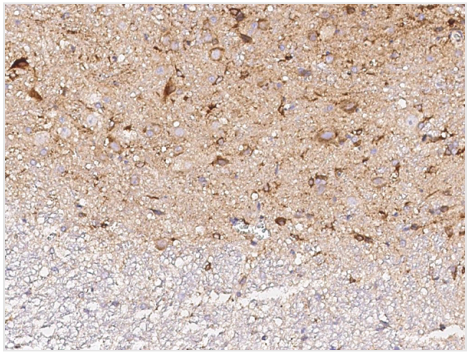
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	001
Specificity	Rat Neurexophilin-1/NXPH1
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-NXPH1 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Rat Neurexophilin-1/NXPH1 protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Rat Neurexophilin-1/NXPH1 (rR Neurexophilin-1/NXPH1).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunochemical staining of rat NXPH1 in rat brain with rabbit monoclonal antibody (1:20000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of rat NXPH1 in rat spinal cord with rabbit monoclonal antibody (1:20000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-NXPH1 antibody	Neurexophilin-1 or NXPH1 is a secreted glycoprotein, which belongs to the Neurexophilin family. The Neurexophilin family contains at least four genes and resembles a neuropeptide, suggesting a function as an endogenous ligand for alpha-neurexins. The mammalian brains contain four genes for neurexophilins the products of which share a common structure composed of five domains: an N-terminal signal peptide, a variable N-terminal domain, a highly conserved central domain that is N-glycosylated, a short linker region, and a conserved C-terminal domain that is cysteine-rich. Neurexophilin-1 constitutes a secreted cysteine-rich glycoprotein, forms a very tight complex with alpha neurexins, a group of proteins that promote adhesion between dendrites and axons. Neurexophilins 1 and 3 but not 4 (neurexophilin 2 is not expressed in rodents) bind to a single individual LNS domain, the second overall LNS domain in all three alpha-neurexins.
References	Missler M, et al. (1998) Neurexophilin binding to alpha-neurexins. A single LNS domain functions as an independently folding ligand-binding unit. J Biol Chem. 273(52): 34716-23.Missler M, et al. (1998) Neurexophilins form a conserved family of neuropeptide-like glycoproteins. J Neurosci. 18(10): 3630-8.Petrenko AG, et al. (1996) Structure and evolution of neurexophilin. J Neurosci. 16(14): 4360-9.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981298
NCBI GeneID	25501
NCBI Accession #	NP_037126.1
NCBI GenBank Nucleotide #	NM_012994.2
UniProt Accession #	Q63366; Q3KRD4
Molecular Weight	31,017 Da
NCBI Official Full Name	neurexophilin-1
NCBI Official Synonym Full Names	neurexophilin 1
NCBI Official Symbol	Nxph1
NCBI Protein Information	neurexophilin-1; neurophilin
UniProt Protein Name	Neurexophilin-1
UniProt Gene Name	**Nxph1**
UniProt Synonym Gene Names	Nph1; Neurophilin
UniProt Entry Name	NXPH1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/monoclonal/nxph1-antibody-clone-001-immunohistochemistry-elisa/257294