

Anti-NXPH1 Antibody (2E440)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Rat
Conjugation:	Unconjugated
Clone:	2E440
Purification:	Protein A

Applications

Verified Activity:	1. Immunochemical staining of rat NXPH1 in rat spinal cord with rabbit monoclonal antibody (1:20000, formalin-fixed paraffin embedded sections). 2. Immunochemical staining of rat NXPH1 in rat brain with rabbit monoclonal antibody (1:20000, formalin-fixed paraffin embedded sections).
Application:	IHC-P
Recommended	IHC-P: 1:10000-1:20000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Rat Neurexophilin-1 / NXPH1 protein (TMPY-02058)
Antigen Species:	Rat
Synonyms:	C130005L03Rik;neurexophilin 1

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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