



Rabbit Anti-NXPH2 antibody

SL11171R

Product Name:	NXPH2
Chinese Name:	神经外营养蛋白2抗体
Alias:	Neurexophilin2; Neurexophilin 2; Neurexophilin-2; NPH2; Nxph2; Nxph-2; NXPH2_HUMAN; MGC125479; MGC125477; MGC125478; MGC125480.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	27kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NXPH2:151-250/264
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 癆 for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20癆. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 癆.
PubMed:	PubMed
Product Detail:	Neurexophilin family (Neurexophilin-1-4) of neuropeptide-like glycoproteins that are proteolytically processed after synthesis. Neurexophilin-1-3 are secreted proteins that are thought to function as signaling molecules which specifically bind to target proteins, such as neurexin I?(a protein that promotes adhesion between dendrites and axons), and are essential for proper neurotransmitter release. While Neurexophilin-1 is located

primarily in spleen tissue, Neurexophilin-2 is expressed primarily in kidney and both Neurexophilin-2 and Neurexophilin-3 are highly expressed in brain. Defects in the gene encoding Neurexophilin-1 may be associated with schizophrenia, a mental disorder characterized by an abnormal perception of reality.

Function:

May be signaling molecules that resemble neuropeptides and that act by binding to alpha-neurexins and possibly other receptors.

Subunit:

Belongs to the neurexophilin family.

Subcellular Location:

Secreted.

Tissue Specificity:

Expressed in brain and kidney.

Post-translational modifications:

May be proteolytically processed at the boundary between the N-terminal non-conserved and the central conserved domain in neuron-like cells (By similarity).

Similarity:

Belongs to the neurexophilin family.

SWISS:

O95156

Gene ID:

11249

Database links:

[Entrez Gene: 11249](#)Human

[Entrez Gene: 18232](#)Mouse

[Entrez Gene: 679932](#)Rat

[Oimim: 604635](#)Human

[SwissProt: O95156](#)Human

[SwissProt: Q61199](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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