



## Rabbit Anti-Neurexophilin 3 antibody

SL19211R

|                               |   |
|-------------------------------|---|
| <b>Product Name:</b>          | Neurexophilin 3   |
| <b>Chinese Name:</b>          | 神经外营养蛋白3抗体  |
| <b>Alias:</b>                 | KIAA1159; Neurexophilin-3; NPH3; Nxph3; NXPH-3; NXPH3_HUMAN; UNQ687/PRO1327.  |
| <b>Organism Species:</b>      | Rabbit  |
| <b>Clonality:</b>             | Polyclonal  |
| <b>React Species:</b>         | Human,Mouse,Rat,Dog,Pig,Rabbit,   |
| <b>Applications:</b>          | 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)<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user.   |
| <b>Molecular weight:</b>      | 28kDa   |
| <b>Cellular localization:</b> | Secretory protein   |
| <b>Form:</b>                  | Lyophilized or Liquid   |
| <b>Concentration:</b>         | 1mg/ml  |
| <b>immunogen:</b>             | KLH conjugated synthetic peptide derived from human Neurexophilin 3:1-100/252   |
| <b>Lsotype:</b>               | IgG   |
| <b>Purification:</b>          | affinity purified by Protein A  |
| <b>Storage Buffer:</b>        | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.  |
| <b>Storage:</b>               | Store at -20 °C 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°C. 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 °C.   |
| <b>PubMed:</b>                | <a href="#">PubMed</a>  |
| <b>Product Detail:</b>        | Neurexophilin-1-3 are secreted proteins that are thought to function as signaling molecules which specifically bind to target proteins, such as neurexin I Alpha(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. Ligand for alpha-neurexins.

**Subcellular Location:**

Secreted.

**Tissue Specificity:**

Highest level in brain.

**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.

**Similarity:**

Belongs to the neurexophilin family.

**SWISS:**

O95157

**Gene ID:**

11248

**Database links:**

[Entrez Gene: 11248](#) Human

[Entrez Gene: 104079](#) Mouse

[Entrez Gene: 59315](#) Rat

[Omim: 604636](#) Human

[SwissProt: O95157](#) Human

[SwissProt: Q91VX5](#) Mouse

[SwissProt: Q9Z2N5](#) Rat

[Unigene: 55069](#) Human

[Unigene: 22970](#) Mouse

[Unigene: 19736](#) Rat

**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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