




Rabbit Anti-Neuritin antibody

SL2464R

Product Name:	Neuritin
Chinese Name:	转化神经突起蛋白抗体
Alias:	Neuritin 1; NRN; NRN1; OTTHUMP00000015989; RP3 380B8.2 protein; NRN1_HUMAN.
文献引用  :	Specific References(1) SL2464R has been referenced in 1 publications. [IF=2.84] Li, Fei, et al. "MicroRNA-574 is involved in cognitive impairment in 5-month-old APP/PS1 mice through regulation of neuritin." Brain Research (2015). WB;Mouse. PubMed:26423933
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-F=1:400-800IF=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:	16kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Neuritin:51-142/142
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 °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.
PubMed:	PubMed
Product Detail:	<p>This gene encodes a member of the neuritin family, and is expressed in postmitotic-differentiating neurons of the developmental nervous system and neuronal structures associated with plasticity in the adult. The expression of this gene can be induced by neural activity and neurotrophins. The encoded protein contains a consensus cleavage signal found in glycosylphosphatidylinositol (GPI)-anchored proteins. The encoded protein promotes neurite outgrowth and arborization, suggesting its role in promoting neuritogenesis. Overexpression of the encoded protein may be associated with astrocytoma progression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013].</p> <p>Function: Promotes neurite outgrowth and especially branching of neuritic processes in primary hippocampal and cortical cells.</p> <p>Subunit: Component of the outer core of AMPAR complex. AMPAR complex consists of an inner core made of 4 pore-forming GluA/GRIA proteins (GRIA1, GRIA2, GRIA3 and GRIA4) and 4 major auxiliary subunits arranged in a twofold symmetry. One of the two pairs of distinct binding sites is occupied either by CNIH2, CNIH3 or CACNG2, CACNG3. The other harbors CACNG2, CACNG3, CACNG4, CACNG8 or GSG1L. This inner core of AMPAR complex is complemented by outer core constituents binding directly to the GluA/GRIA proteins at sites distinct from the interaction sites of the inner core constituents. Outer core constituents include at least PRRT1, PRRT2, CKAMP44/SHISA9, FRRS1L and NRN1. The proteins of the inner and outer core serve as a platform for other, more peripherally associated AMPAR constituents. Alone or in combination, these auxiliary subunits control the gating and pharmacology of the AMPAR complex and profoundly impact their biogenesis and protein processing.</p> <p>Subcellular Location: Cell membrane; Lipid-anchor, GPI-anchor (Potential). Cell junction, synapse.</p> <p>Similarity: Belongs to the neuritin family.</p> <p>SWISS: Q9NPD7</p> <p>Gene ID: 51299</p> <p>Database links: Entrez Gene: 51299 Human</p>

[Entrez Gene: 68404](#) Mouse

[Omin: 607409](#) Human

[SwissProt: Q9NPD7](#) Human

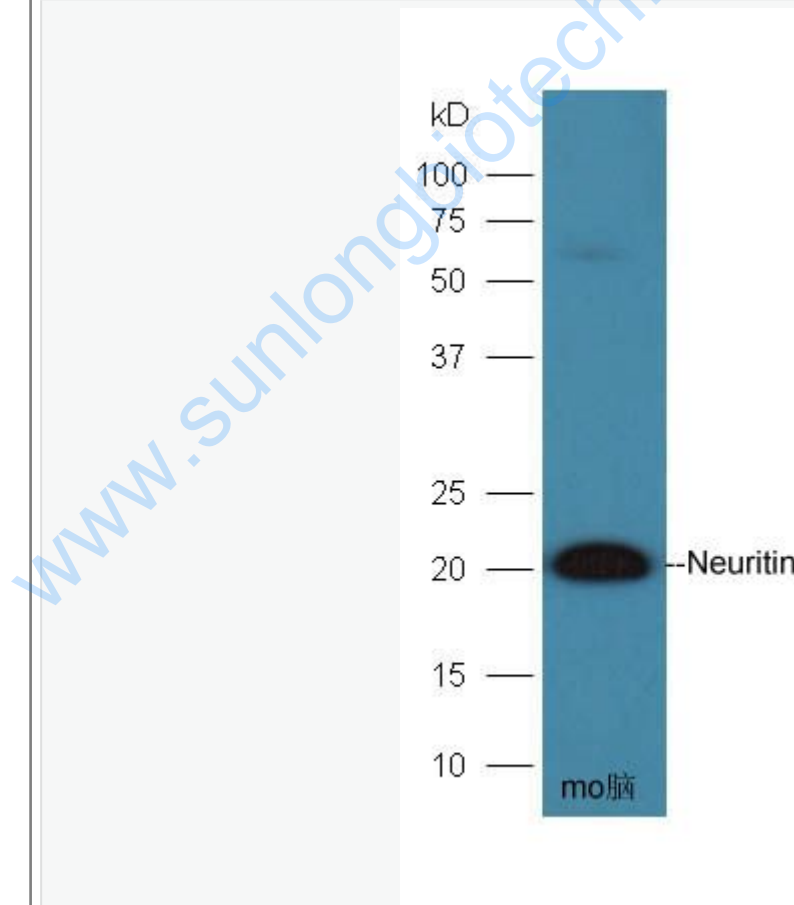
[SwissProt: Q8CFV4](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Neurobiology相关蛋白(Neurobiology)

Picture:



Sample: Brain(Mouse) lysate at 30ug;

Primary: Anti-Neuritin (SL2464R) at 1:300 dilution;

Secondary: HRP conjugated Goat-Anti-Rabbit IgG(bse-0295G-HRP) at 1: 5000 dilution;

Predicted band size :16 kD

Observed band size : 20 kD

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