

Rabbit Anti-Netrin-G1/AF350 Conjugated antibody

SL23067R-AF350

Product Name	Anti-Netrin-G1/AF350
Chinese Name	AF350 标记的轴突生长诱导因子 G1/神经突起生长导向因子 G1 抗体
Alias	Axon guidance molecule; KIAA0976; Laminet 1; LMNT1; Netrin G1f; Netrin-G1; Ntng1; NTNG1_HUMAN; YLSR571.
Research Area	Neurobiology Signal transduction Growth factors and hormones
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep) ICC/IF=1:50-200,IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	54kDa
Form	Lyophilized or Liquid
Concentration immunogen	1mg/ml KLH conjugated synthetic peptide derived from human Netrin-G1
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	background: This gene encodes a preproprotein that is processed into a secreted protein containing eukaryotic growth factor (EGF)-like domains. This protein acts to guide axon growth during neuronal development. Polymorphisms in this gene may be associated with schizophrenia. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Aug

2015].

Function:

Involved in controlling patterning and neuronal circuit formation at the laminar, cellular, subcellular and synaptic levels. Promotes neurite outgrowth of both axons and dendrites.

Subunit:

Interacts with NGL1.

Subcellular Location:

Cell membrane. Lipid-anchor, GPI-anchor, Extracellular side.

Tissue Specificity:

Highly expressed in the thalamus, with very low expression, if any, in other tissues.

Post-translational modifications:

N-glycosylated.

Similarity:

Contains 3 laminin EGF-like domains.
Contains 1 laminin N-terminal domain.

Database links:

[Entrez Gene: 787473](#) Cow

[Entrez Gene: 490132](#) Dog

[Entrez Gene: 100714441](#) Guinea pig

[Entrez Gene: 100060362](#) Horse

[Entrez Gene: 22854](#) Human

[Entrez Gene: 80883](#) Mouse

[Entrez Gene: 100152257](#) Pig

[Entrez Gene: 100341879](#) Rabbit

[Entrez Gene: 295382](#) Rat

[Omim: 608818](#) Human

[SwissProt: Q9Y2I2](#) Human

[SwissProt: Q8R4G0](#) Mouse



[Unigene: 657434](#) Human

[Unigene: 732535](#) Human

[Unigene: 39262](#) Mouse

[Unigene: 162628](#) Rat

Important Note:

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