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[Marker Primary Antibody]

Rabbit Anti-Netrin-G1/Biotin Conjugated antibody

Catalog Number: SL23067R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-Netrin-G1/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from human Netrin-G1
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:50-200 IF=1:100-500 ELISA=1:500-5000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Background:	background: This gene encodes a preproprotein that is processed into a secreted protein containing eukaroytic 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,

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	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.