SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Netrin-G1 antibody

Catalog Number: SL23067R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Netrin-G1
Immunogen:	KLH conjugated synthetic peptide derived from human Netrin-G1: 301-400/539
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 1M PBS, pH 7.4 Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） 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)
Predicted MW.:	54kDa
Subcellular Location:	The cell membrane
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.

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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	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

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