

ADGRL1 / LPHN1 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10275**Specification**

ADGRL1 / LPHN1 Antibody (N-Terminus) - Product Information

Application	IHC
Primary Accession	O94910
Reactivity	Human, Mouse, Rabbit, Hamster, Monkey, Pig, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	163kDa KDa

ADGRL1 / LPHN1 Antibody (N-Terminus) - Additional Information**Gene ID** 22859**Other Names**

Latrophilin-1, Calcium-independent alpha-latrotoxin receptor 1, C1RL-1, Lectomedin-2, LPHN1, KIAA0821, LEC2

Target/Specificity

Human LPHN1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

ADGRL1 / LPHN1 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

ADGRL1 / LPHN1 Antibody (N-Terminus) - Protein Information**Name** ADGRL1 ([HGNC:20973](#))**Function**

Calcium-independent receptor of high affinity for alpha- latrotoxin, an excitatory neurotoxin present in black widow spider venom which triggers massive exocytosis from neurons and neuroendocrine cells (PubMed:35907405). Receptor for TENM2 that mediates heterophilic synaptic cell-cell contact and postsynaptic specialization. Receptor probably implicated in the regulation of exocytosis (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein. Cell projection, axon {ECO:0000250|UniProtKB:O88917}. Cell projection, growth cone

{ECO:0000250|UniProtKB:O88917}. Synapse {ECO:0000250|UniProtKB:O88917} Presynaptic cell membrane {ECO:0000250|UniProtKB:O88917}. Synapse, synaptosome {ECO:0000250|UniProtKB:O88917}. Note=Colocalizes with TENM2 on the cell surface, across intercellular junctions and on nerve terminals near synaptic clefts.
{ECO:0000250|UniProtKB:O88917}

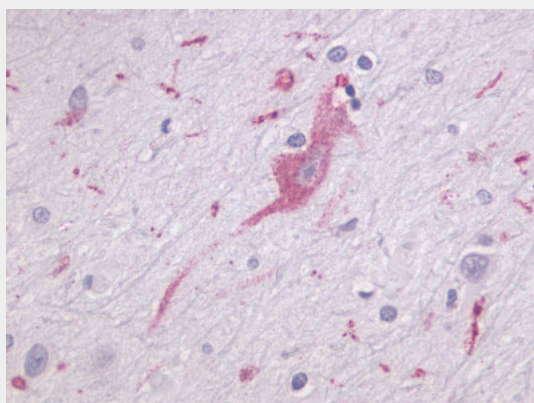
Volume

50 µl

ADGRL1 / LPHN1 Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ADGRL1 / LPHN1 Antibody (N-Terminus) - Images

Anti-LPHN1 antibody ALS10275 IHC of human brain, neurons and glia.

ADGRL1 / LPHN1 Antibody (N-Terminus) - Background

Calcium-independent receptor of high affinity for alpha- latrotoxin, an excitatory neurotoxin present in black widow spider venom which triggers massive exocytosis from neurons and neuroendocrine cells. Receptor for TENM2 that mediates heterophilic synaptic cell-cell contact and postsynaptic specialization. Receptor probably implicated in the regulation of exocytosis (By similarity).

ADGRL1 / LPHN1 Antibody (N-Terminus) - References

Douangpanya J.,et al.Submitted (SEP-2000) to the EMBL/GenBank/DDBJ databases.
Nagase T.,et al.DNA Res. 5:355-364(1998).
Suwa M.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.
Brill L.M.,et al.Anal. Chem. 76:2763-2772(2004).