

LRRC4C Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18504c**Specification**

LRRC4C Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q9HCJ2](#)

LRRC4C Antibody (Center) Blocking Peptide - Additional Information

Gene ID 57689

Other Names

Leucine-rich repeat-containing protein 4C, Netrin-G1 ligand, NGL-1, LRRC4C, KIAA1580, NGL1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

LRRC4C Antibody (Center) Blocking Peptide - Protein Information

Name LRRC4C

Synonyms KIAA1580, NGL1

Function

May promote neurite outgrowth of developing thalamic neurons.

Cellular Location

Postsynaptic cell membrane; Single-pass type I membrane protein

Tissue Location

Highly expressed in the cerebral cortex, including frontal, parietal and occipital lobes. Putamen, amygdala, hippocampus and medulla oblongata show moderate expression. Caudate nucleus and thalamus express small amounts, whereas other brain regions show very weak or no expression.

LRRC4C Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

LRRC4C Antibody (Center) Blocking Peptide - Images

LRRC4C Antibody (Center) Blocking Peptide - Background

NGL1 is a specific binding partner for netrin G1 (NTNG1;MIM 608818), which is a member of the netrin family of axonguidance molecules (Lin et al., 2003 [PubMed 14595443]).[suppliedby OMIM].

LRRC4C Antibody (Center) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Sokolowski, M., et al. Mol. Psychiatry 15(1):10-11(2010)Hsu, Y.H., et al. PLoS Genet. 6 (6), E1000977 (2010) :Lin, J.C., et al. Nat. Neurosci. 6(12):1270-1276(2003)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)