

LRRC4C Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18504C**Specification**

LRRC4C Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9HCJ2
Other Accession	O8C031 , NP_065980.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	71950
Antigen Region	316-343

LRRC4C Antibody (Center) - Additional Information**Gene ID** 57689**Other Names**

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

Target/Specificity

This LRRC4C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 316-343 amino acids from the Central region of human LRRC4C.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

LRRC4C Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

LRRC4C Antibody (Center) - 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

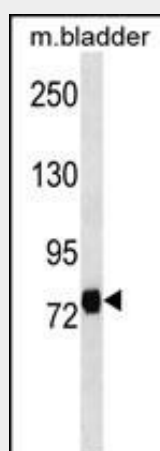
Highly expressed in the cerebral cortex, including frontal, parietal and occipital lobes. Putamen, amygdala, hippocampus and medulla oblongata show moderate expression. Caudate nucleus and thalamus express small amounts, whereas other brain regions show very weak or no expression.

LRRC4C Antibody (Center) - 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](#)

LRRC4C Antibody (Center) - Images



LRRC4C Antibody (Center) (Cat. #AP18504c) western blot analysis in mouse bladder tissue lysates (35ug/lane). This demonstrates the LRRC4C antibody detected the LRRC4C protein (arrow).

LRRC4C Antibody (Center) - Background

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

LRRC4C Antibody (Center) - 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)