10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LRRTM2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18792b

Specification

LRRTM2 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	O43300
Other Accession	Q8BGA3, NP_056379.1
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**59076**
Antigen Region	**465-491**

LRRTM2 Antibody (C-term) - Additional Information

Gene ID 26045

Other Names
Leucine-rich repeat transmembrane neuronal protein 2, Leucine-rich repeat neuronal 2 protein, LRRTM2, KIAA0416, LRRN2

Target/Specificity
This LRRTM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 465-491 amino acids from the C-terminal region of human LRRTM2.

Dilution
WB~~1:1000

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
LRRTM2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

LRRTM2 Antibody (C-term) - Protein Information

Name LRRTM2

Synonyms KIAA0416, LRRN2

Function Involved in the development and maintenance of excitatory synapses in the vertebrate nervous system. Regulates surface expression of AMPA receptors and instructs the development of functional glutamate release sites. Acts as a ligand for the presynaptic receptors NRXN1-A and NRXN1-B (By similarity).

Cellular Location
Cell membrane; Single-pass type I membrane protein. Postsynaptic cell membrane; Single-pass type I membrane protein. Note=Localized to excitatory synapses

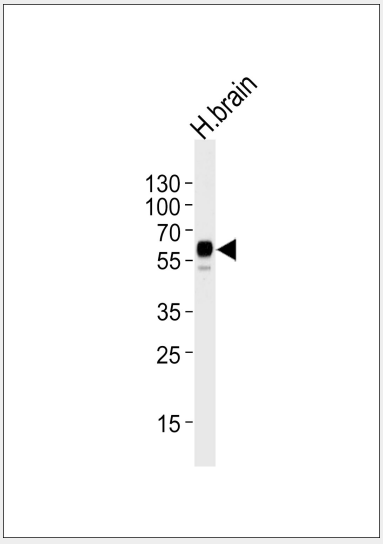
Tissue Location
Expressed in neuronal tissues.

LRRTM2 Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LRRTM2 Antibody (C-term) - Images



Western blot analysis of lysate from human brain tissue lysate, using LRRTM2 Antibody (C-term)(Cat. #AP18792b). AP18792b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

LRRTM2 Antibody (C-term) - Background

LRRTM2 may play a role in the development and maintenance of the vertebrate nervous system.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LRRTM2 Antibody (C-term) - References

Graubert, T.A., et al. PLoS ONE 4 (2), E4583 (2009) :
Lauren, J., et al. Genomics 81(4):411-421(2003)