

LRRTM2 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS14758**Specification**

LRRTM2 Antibody (C-Terminus) - Product Information

Application	IF, WB, IHC
Primary Accession	O43300
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59kDa KDa

LRRTM2 Antibody (C-Terminus) - 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

Human LRRTM2. LRRTM2 antibody is predicted to not cross-react with other LRRTM family members.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

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

LRRTM2 Antibody (C-Terminus) - 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

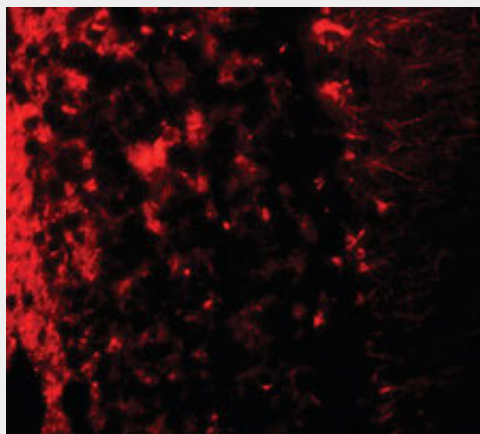
Tissue Location

Expressed in neuronal tissues.

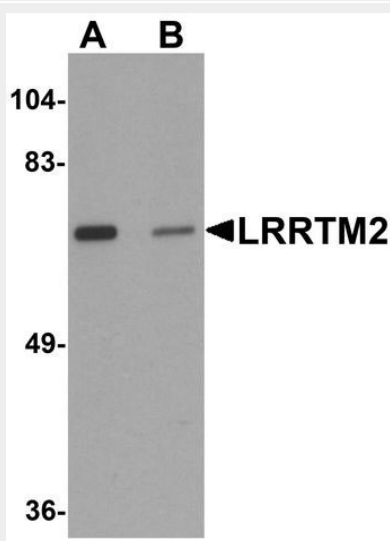
LRRTM2 Antibody (C-Terminus) - Protocols

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

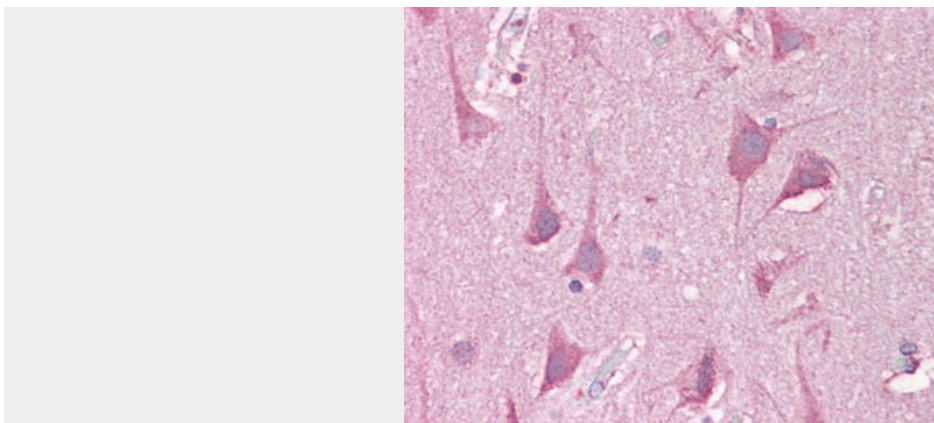
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LRRTM2 Antibody (C-Terminus) - Images

Immunofluorescence of LRRTM2 in human brain tissue with LRRTM2 antibody at 20 ug/ml.



Western blot analysis of LRRTM2 in SK-N-SH cell lysate with LRRTM2 antibody at 1 ug/ml in (A)...



Anti-LRRTM2 antibody IHC of human brain, cortex.

LRRTM2 Antibody (C-Terminus) - Background

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LRRTM2 Antibody (C-Terminus) - References

Lauren J.,et al.Genomics 81:411-421(2003).
Ishikawa K.,et al.DNA Res. 4:307-313(1997).
Ota T.,et al.Nat. Genet. 36:40-45(2004).