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LRRTM1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9720c

Specification

LRRTM1 Antibody (Center) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q86UE6
Other Accession	D4A6D8, Q8K377, A1A4H9
Reactivity	**Human, Mouse**
Predicted	**Bovine, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**88-117**

LRRTM1 Antibody (Center) - Additional Information

Gene ID 347730

Other Names
Leucine-rich repeat transmembrane neuronal protein 1, LRRTM1

Target/Specificity
This LRRTM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 88-117 amino acids from the Central region of human LRRTM1.

Dilution
WB~~1:1000
IHC-P~~1:50~100

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
LRRTM1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

LRRTM1 Antibody (Center) - Protein Information

Name LRRTM1

Function Exhibits strong synaptogenic activity, restricted to excitatory presynaptic differentiation,

acting at both pre- and postsynaptic level.

Cellular Location
Cell membrane; Single-pass type I membrane protein. Postsynaptic cell membrane; Single-pass type I membrane protein

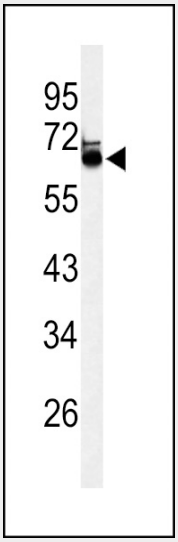
Tissue Location
Predominantly expressed in forebrain regions including thalamus and cerebral cortex.

LRRTM1 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 Cytomety
- Cell Culture

LRRTM1 Antibody (Center) - Images



Western blot analysis of LRRTM1 Antibody (Center) (Cat. #AP9720c) in mouse brain tissue lysates (35ug/lane). LRRTM1 (arrow) was detected using the purified Pab.

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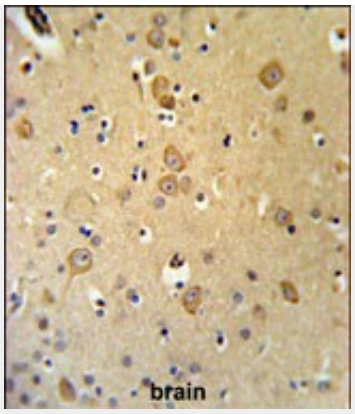

LRRTM1 Antibody (Center) (Cat. #AP9720c) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the LRRTM1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

LRRTM1 Antibody (Center) - Background

LRRTM1 may play a role during the development of specific forebrain structures by influencing neuronal differentiation and connectivity, with a possible role in intracellular trafficking within axons.

LRRTM1 Antibody (Center) - References

Francks, C. Laterality 14(1):11-16(2009)
Crow, T.J., et al. Laterality 14(1):3-10(2009)
McManus, C., et al. Laterality 14(1):1-2(2009)