

Rabbit LRRTM1 Polyclonal Antibody | anti-LRRTM1 antibody

LRRTM1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39745	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

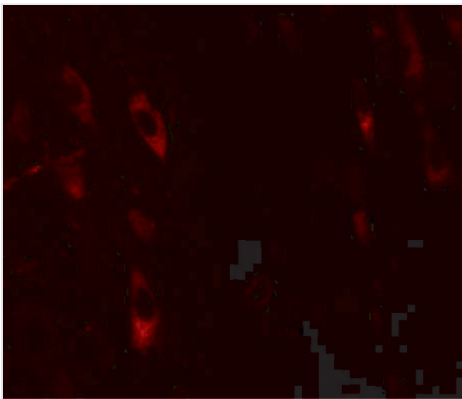
PRODUCT SYNONYMS

LRRTM1; Polyclonal Antibody; LRRTM1 Antibody; Leucine-rich repeat transmembrane neuronal protein 1; leucine rich repeat transmembrane neuronal 1; anti-LRRTM1 antibody

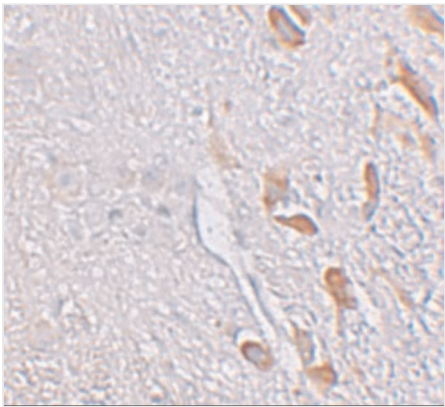
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	LRRTM1 antibody is predicted to not cross-react with other LRRTM family members.
Purity/Purification	LRRTM1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	522
Applicable Applications for anti-LRRTM1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	LRRTM1 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human LRRTM1.
Buffer	LRRTM1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	LRRTM1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

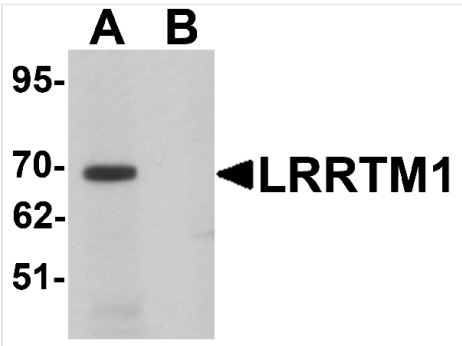
IMAGES



IF (Immunofluorescence)
Immunofluorescence of LRRTM1 in human brain tissue with LRRTM1 antibody at 20 μ g/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of LRRTM1 in human brain tissue with LRRTM1 antibody at 5 μ g/mL.



WB (Western Blot)
Western blot analysis of LRRTM1 in mouse brain tissue lysate with LRRTM1 antibody at 1 μ g/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-LRRTM1 antibody	LRRTM1 Antibody: The Leucine-rich repeat transmembrane neuronal proteins (LRRTMs) are differentially expressed in the nervous system and were recently found to instruct presynaptic and mediate postsynaptic glutamatergic differentiation, with LRRTM1 and LRRTM2 most potent at inducing presynaptic differentiation. Each LRRTM protein is a type I transmembrane containing ten extracellular leucine-rich repeats and a short intracellular tail and has a developmentally regulated pattern distinct from all others. LRRTM1 is a maternally suppressed gene that is associated paternally with handedness and schizophrenia.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	86990456
NCBI GeneID	347730
NCBI Accession #	AAH45113
NCBI GenBank Nucleotide #	NM_178839.4
UniProt Accession #	Q86UE6; Q96DN1; A8K397; D6W5K1
Molecular Weight	58,641 Da
NCBI Official Full Name	leucine-rich repeat transmembrane neuronal protein 1
NCBI Official Synonym Full Names	leucine rich repeat transmembrane neuronal 1
NCBI Official Symbol	LRRTM1

NCBI Protein Information	leucine-rich repeat transmembrane neuronal protein 1; leucine-rich repeat transmembrane neuronal 1 protein
UniProt Protein Name	Leucine-rich repeat transmembrane neuronal protein 1
UniProt Gene Name	LRRTM1
UniProt Entry Name	LRRT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lrrtm1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39745>