

Rabbit anti-Human LRRTM4 Polyclonal Antibody | anti-LRRTM4 antibody

LRRTM4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40147	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

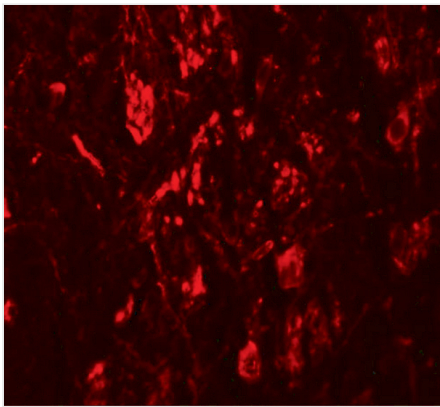
PRODUCT SYNONYMS

LRRTM4; Polyclonal Antibody; LRRTM4 Antibody; Leucine-rich repeat transmembrane neuronal protein 4; leucine rich repeat transmembrane neuronal 4; anti-LRRTM4 antibody

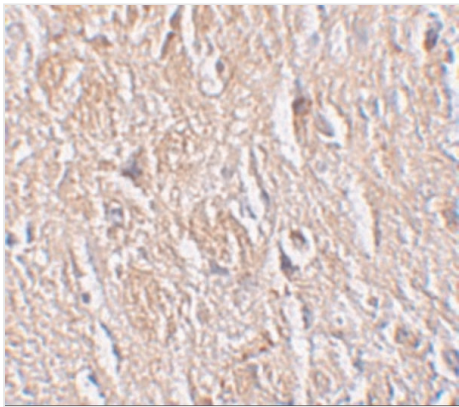
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two isoforms of LRRTM4 are known to exist; this antibody will both isoforms. LRRTM4 antibody is predicted to not cross-react with other LRRTM family members.
Purity/Purification	LRRTM4 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	518
Applicable Applications for anti-LRRTM4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	LRRTM4 antibody was raised against a 16 amino acid synthetic peptide near the center of human LRRTM4.
Buffer	LRRTM4 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	LRRTM4 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.

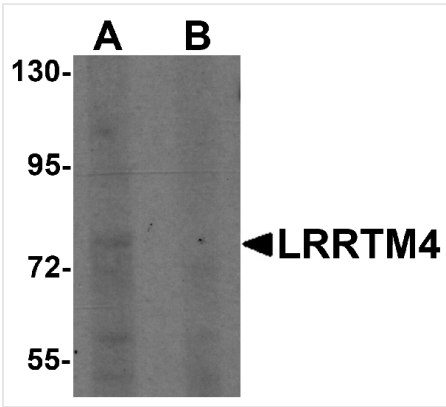
IMAGES



IF (Immunofluorescence)
Immunofluorescence of LRRTM4 in human brain tissue with LRRTM4 antibody at 20 μ g/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of LRRTM4 in human brain tissue with LRRTM4 antibody at 2.5 μ g/mL.



WB (Western Blot)
Western blot analysis of LRRTM4 in HeLa cell lysate with LRRTM4 antibody at 1 μ g/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-LRRTM4 antibody	LRRTM4 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. Little is known about the function of LRRTM4; in mouse, it is expressed in the limb mesenchyme, neural tube, caudal mesoderm and in three distinct regions of the head. Later expression occurs in a subset of the developing sclerotome. Its similarity to other LRRTM family members suggests that LRRTM4 may also play a role in the development and maintenance of the vertebrate nervous system.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156139147
NCBI GeneID	80059
NCBI Accession #	NP_001128217
NCBI GenBank Nucleotide #	NM_024993.4
UniProt Accession #	Q86VH4; Q4FZ98; Q6UXJ7
Molecular Weight	59,126 Da
NCBI Official Full Name	leucine-rich repeat transmembrane neuronal protein 4 isoform b
NCBI Official Synonym Full Names	leucine rich repeat transmembrane neuronal 4

NCBI Official Symbol	LRRTM4
NCBI Protein Information	leucine-rich repeat transmembrane neuronal protein 4; leucine-rich repeat transmembrane neuronal 4 protein
UniProt Protein Name	Leucine-rich repeat transmembrane neuronal protein 4
UniProt Gene Name	LRRTM4
UniProt Entry Name	LRRT4_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://www.aaabiotech.com/polyclonal/lrrtm4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40147>