

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

LRRTM4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302108	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

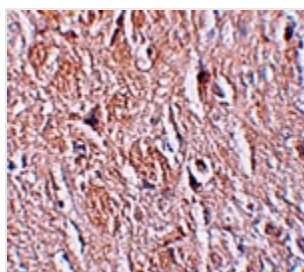
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

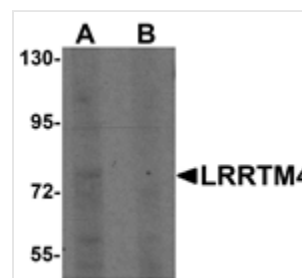
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	At least two isoforms of LRRTM4 are known to exist; this antibody will both isoforms. LRRTM4 antibody is predicted to not cross-react with other LRRTM family members.
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	590
Applicable Applications for anti-LRRTM4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide near the center of human LRRTM4.
Target Name	LRRTM4
Preparation and Storage	Can be stored at -20 degree C, stable for 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



IHC (Immunohistochemistry)

Immunohistochemistry of LRRTM4 in human brain tissue with LRRTM4 antibody at 2.5 ug/mL.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-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.
Product Categories/Family for anti-LRRTM4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	197927168
NCBI GeneID	80059
NCBI Accession #	NP_001128217
NCBI GenBank Nucleotide #	NM_001134745.1
Molecular Weight	59,126 Da
NCBI Official Full Name	leucine-rich repeat transmembrane neuronal protein 4 isoform a
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
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-immunohistochemistry-western-blot-elisa/302108>