

Rabbit LRRTM1 Polyclonal Antibody | anti-LRRTM1 antibody

LRRTM1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285879	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Rat)	Immunohistochemistry, ELISA, Western Blot

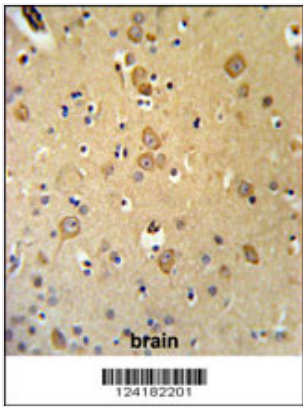
PRODUCT SYNONYMS

LRRTM1; Polyclonal Antibody; LRRTM1 Antibody (Center); Leucine-rich repeat transmembrane neuronal protein 1; anti-LRRTM1 antibody

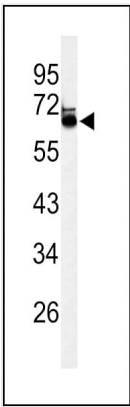
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.45 (varies by lot)
Sequence Positions	88-117
Sequence Length	522
Applicable Applications for anti-LRRTM1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
LRRTM1 Antibody (Center) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-LRRTM1 antibody	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.
Product Categories/Family for anti-LRRTM1 antibody	Developmental Biology; Neuroscience
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	86990456
NCBI GeneID	347730
NCBI Accession #	NP_849161.2
NCBI GenBank Nucleotide #	NM_178839.4
UniProt Accession #	Q86UE6; Q96DN1; A8K397; D6W5K1
Molecular Weight	58641
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
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.