

Product datasheet for **TA320026**

LRRTM4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	LRRTM4 antibody was raised against a 16 amino acid synthetic peptide near the center of human LRRTM4.
Formulation:	LRRTM4 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	LRRTM4 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	leucine rich repeat transmembrane neuronal 4
Database Link:	NP_001128217 Entrez Gene 80059 Human Q86VH4
Background:	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.

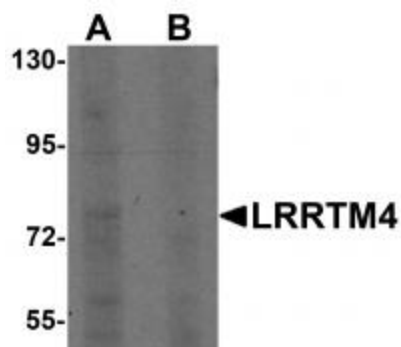


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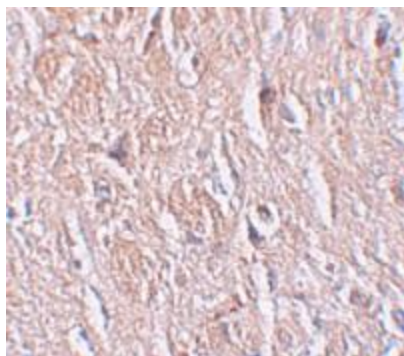
Synonyms: FLJ12568; MGC120633; MGC120636

Protein Families: Transmembrane

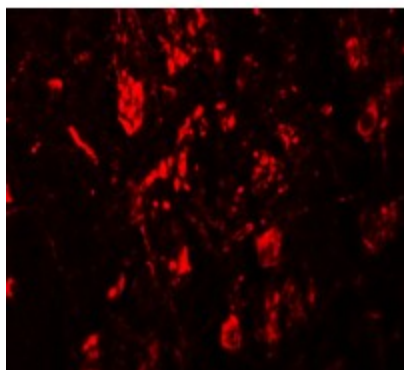
Product images:



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.



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



Immunofluorescence of LRRTM4 in human brain tissue with LRRTM4 antibody at 20 ug/mL.