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LRRTM1 Polyclonal Antibody

Catalog Number **PA5-26725**

Product data sheet

Details	
Size	400 µL
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	KLH conjugated synthetic peptide between 88-117 amino acids from the central region of human LRRTM1
Conjugate	Unconjugated
Form	Liquid
Concentration	Lot-specific
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles

Species Reactivity	
Species reactivity	Human, Mouse

Tested Applications	Dilution *
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100
Western Blot (WB)	1:1,000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

This antibody is predicted to react with bovine and rat based on sequence homology.

Background/Target Information

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.

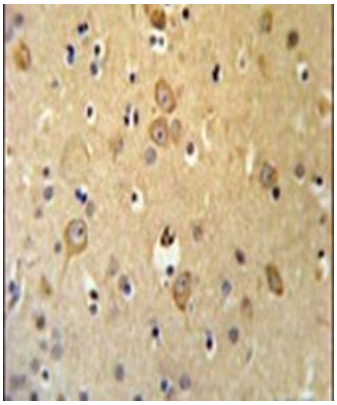
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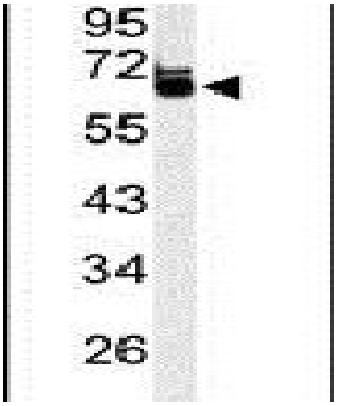
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Product Images For LRRTM1 Polyclonal Antibody



LRRTM1 Antibody (PA5-26725) in IHC

Immunohistochemistry analysis in formalin-fixed, paraffin-embedded brain tissue using a LRRTM1 polyclonal antibody (Product # PA5-26725), followed by HRP-conjugated secondary antibody and DAB staining.



LRRTM1 Antibody (PA5-26725) in WB

Western blot analysis using a LRRTM1 polyclonal antibody (Product # PA5-26725) in mouse brain tissue lysates (35 µg per lane).

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