

For Research Use Only

# LRRTM2 Polyclonal ANTIBODY

Catalog Number: 23094-1-AP



## Basic Information

<b>Catalog Number:</b> 23094-1-AP	<b>GenBank Accession Number:</b> BC126408	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Size:</b> 50 µg/150 µl	<b>GeneID (NCBI):</b> 26045	
<b>Source:</b> Rabbit	<b>Full Name:</b> leucine rich repeat transmembrane neuronal 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 516aa, 59 kDa	
<b>Purification Method:</b> Antigen Affinity purified	<b>Observed MW:</b> 59 kDa	
<b>Immunogen Catalog Number:</b> AG19422		

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse spinal cord tissue;
<b>Species Specificity:</b> human, mouse	
<b>Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Leucine-rich repeat transmembrane proteins (LRRTMs) are synaptic cell adhesion molecules. LRRTMs are highly localized in the postsynaptic density and play various roles in the formation, maturation, and function of synapses (PMD: 25951919). LRRTM2 acts as a post-synaptic ligand of Neurexins. LRRTM2 regulates excitatory synapse development and function in the vertebrate nervous system (PMD: 20064387).

## Notable Publications

Author	Pubmed ID	Journal	Application
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## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

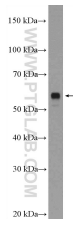
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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## Selected Validation Data



mouse spinal cord tissue were subjected to SDS PAGE followed by western blot with 23094-1-AP (LRRTM2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours