

For Research Use Only

# LRRTM1 Polyclonal ANTIBODY

Catalog Number: 14288-1-AP



## Basic Information

<b>Catalog Number:</b> 14288-1-AP	<b>GenBank Accession Number:</b> BC045113	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150UL, Concentration: 167 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 347730	<b>Recommended Dilutions:</b> WB 1:500-1:2400 IHC 1:20-1:200 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> leucine rich repeat transmembrane neuronal 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 59 kDa	
<b>Immunogen Catalog Number:</b> AG5602	<b>Observed MW:</b> 59 kDa	

## Applications

### Tested Applications:

IF, IHC, WB, ELISA

### Species Specificity:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB: HEK-293 cells, HeLa cells, mouse brain tissue

IHC: human testis tissue, human brain tissue

IF: mouse brain tissue,

## Background Information

### 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

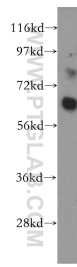
For technical support and original validation data for this product please contact:

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

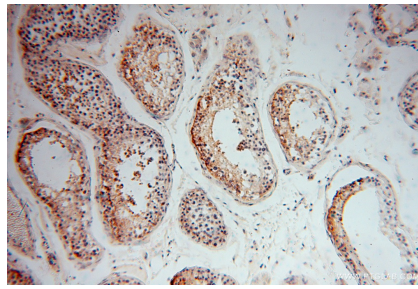
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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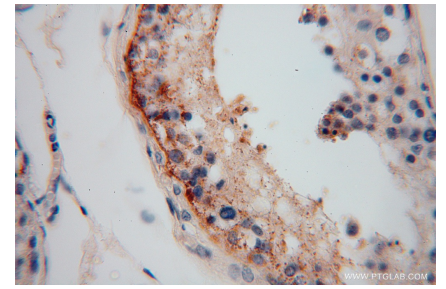
## Selected Validation Data



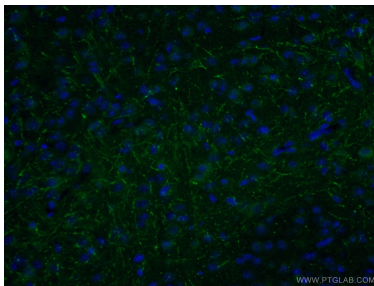
HEK-293 cells were subjected to SDS PAGE followed by western blot with 14288-1-AP (LRRTM1 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 14288-1-AP (LRRTM1 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 14288-1-AP (LRRTM1 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 14288-1-AP (LRRTM1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).