

For Research Use Only

# LARP2 Polyclonal antibody

Catalog Number: 17277-1-AP



## Basic Information

<b>Catalog Number:</b> 17277-1-AP	<b>GenBank Accession Number:</b> BC030516	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 µg/ml by Nanodrop and 253 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 55132	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> La ribonucleoprotein domain family, member 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 201 aa, 24 kDa	
<b>Immunogen Catalog Number:</b> AG11043	<b>Observed MW:</b> 30-40 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HepG2 cells, PC-3 cells
<b>Species Specificity:</b> human, mouse	<b>IHC :</b> mouse testis tissue,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

The La-related proteins (LARPs) share a conserved RNA-binding unit composed of a La Motif and an RNA Recognition Motif (RRM), which recognizes diverse RNA substrates. LARP2 has nine isoforms with MW 30-40 kDa, 90-105 kDa. Alternative splicing has been observed at this locus and multiple variants, encoding distinct isoforms, are described. Additional splice variation has been identified but the full-length nature of these transcripts has not been determined. (PMID: 26501340, PMID: 33292040)

## Storage

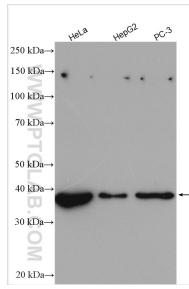
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

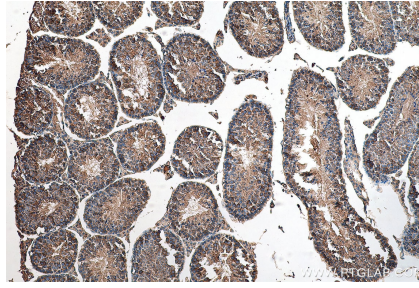
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17277-1-AP (LARP2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 17277-1-AP (LARP2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).