

For Research Use Only

# LARP2 Polyclonal antibody

Catalog Number: 17277-1-AP

1 Publications



## Basic Information

### Catalog Number:

17277-1-AP

### Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 253 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG11043

### GenBank Accession Number:

BC030516

### GeneID (NCBI):

55132

### UNIPROT ID:

Q659C4

### Full Name:

La ribonucleoprotein domain family, member 2

### Calculated MW:

201 aa, 24 kDa

### Observed MW:

30-40 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

IHC

### Species Specificity:

human, mouse

### Cited Species:

human

### Positive Controls:

WB : HeLa cells, HepG2 cells, PC-3 cells

IHC : mouse testis tissue,

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

## 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)

## Notable Publications

Author	Pubmed ID	Journal	Application
Xia Yang	39341066	Transl Oncol	IHC

## 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

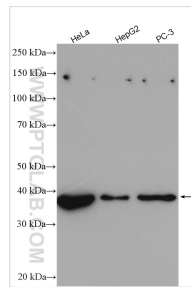
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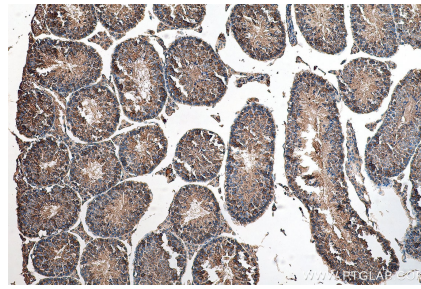
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## Selected Validation Data



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).