

For Research Use Only

# LARP4 Polyclonal antibody

Catalog Number: 16529-1-AP **3 Publications**



## Basic Information

### Catalog Number:

16529-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG9777

### GenBank Accession Number:

BC022377

### GeneID (NCBI):

113251

### UNIPROT ID:

Q71RC2

### Full Name:

La ribonucleoprotein domain family, member 4

### Calculated MW:

188 aa, 21 kDa, 81 kDa

### Observed MW:

81 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

### Positive Controls:

WB : Y79 cells,

IP : Y79 cells,

IHC : human brain tissue, human kidney tissue, human lung tissue, human ovary tissue, human spleen tissue, human 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**

## Notable Publications

Author	Pubmed ID	Journal	Application
Jing Wang	39182469	Vet Microbiol	WB,IF
Jens Aydin	38281241	Nucleic Acids Res	IP
Zhenfeng Mao	37169020	Front Cell Dev Biol	WB,IF,IP

## 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

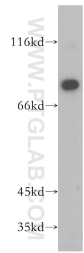
For technical support and original validation data for this product please contact:

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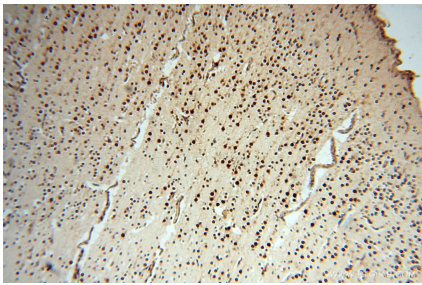
E: proteintech@ptglab.com  
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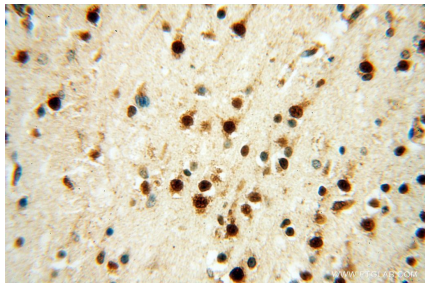
Selected Validation Data



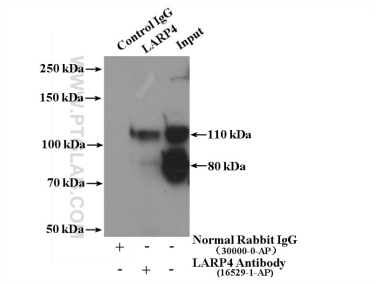
Y79 cells were subjected to SDS PAGE followed by western blot with 16529-1-AP (LARP4 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 16529-1-AP (LARP4 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 16529-1-AP (LARP4 antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-LARP4 (IP:16529-1-AP, 4ug; Detection:16529-1-AP 1:300) with Y79 cells lysate 2000ug.