

For Research Use Only

# LARP7 Polyclonal antibody

Catalog Number: 17067-1-AP

Featured Product

13 Publications



## Basic Information

### Catalog Number:

17067-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG10891

### GenBank Accession Number:

BC006981

### GeneID (NCBI):

51574

### UNIPROT ID:

Q4G0J3

### Full Name:

La ribonucleoprotein domain family, member 7

### Calculated MW:

582 aa, 67 kDa

### Observed MW:

67 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:1000-1:4000

IHC: 1:50-1:500

IF/ICC: 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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:** Jurkat cells, human brain tissue, NIH/3T3 cells

**IHC:** human breast cancer tissue, human placenta tissue, human testis tissue, human skin tissue, human liver tissue, human spleen tissue, human stomach cancer tissue, human ovary tissue

**IF/ICC:** HeLa cells,

## Background Information

LARP7 belongs to the LARP RNA-binding protein family, which includes the lupus LA antigen gene, and modulates the metabolism and function of a variety of RNA species [PMID:20138158]. LARP7 binds to the 75K RNP complex, and sequesters the positive transcription elongation factor b (P-TEFb) in an inactive form, preventing RNA polymerase II phosphorylation and subsequent transcriptional elongation. binds to and stabilizes 7sk snRNA [PMID:19416841].

## Notable Publications

Author	Pubmed ID	Journal	Application
Ahmed S Warda	29051200	EMBO Rep	WB
Daiji Okamura	23154982	Genes Dev	WB
Eilebrecht Sebastian S	21957495	RNA Biol	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

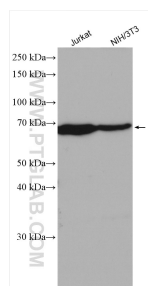
For technical support and original validation data for this product please contact:

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

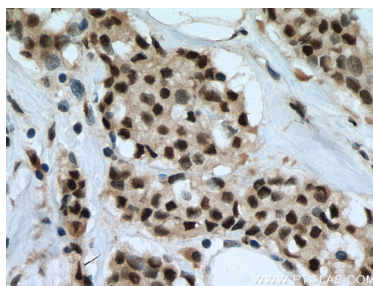
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

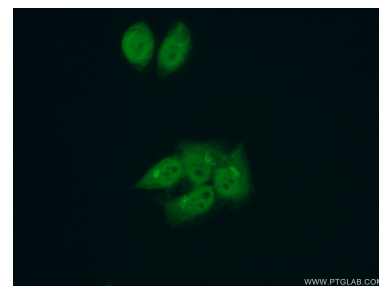
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17067-1-AP (LARP7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 17067-1-AP (LARP7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 17067-1-AP (LARP7 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).