

For Research Use Only

# LARP7 Recombinant antibody

Catalog Number: 84950-3-RR



## Basic Information

Catalog Number:

84950-3-RR

Size:

1000  $\mu$ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10850

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:

Protein A purification

CloneNo.:

242561F5

Recommended Dilutions:

IF/ICC 1:250-1:1000

## Applications

Tested Applications:

IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

IF/ICC : A431 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.[PMID:19416841].

## 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:

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using LARP7 antibody (84950-3-RR, Clone: 242561F5 ) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).