

For Research Use Only

# LARP7 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84950-3-PBS



## Basic Information

Catalog Number: 84950-3-PBS	GenBank Accession Number: BC006981	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 51574	CloneNo.: 242561F5
Source: Rabbit	UNIPROT ID: Q4G0J3	
Isotype: IgG	Full Name: La ribonucleoprotein domain family, member 7	
Immunogen Catalog Number: AG10850	Calculated MW: 582 aa, 67 kDa	
	Observed MW: 67 kDa	

## Applications

**Tested Applications:**  
IF/ICC, Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## 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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

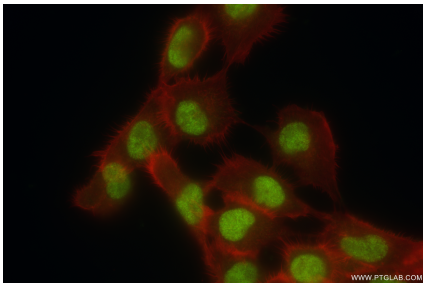
T: 4006900926

E: Proteintech-CN@ptglab.com

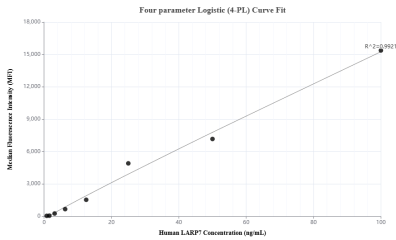
W: ptgcn.com

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

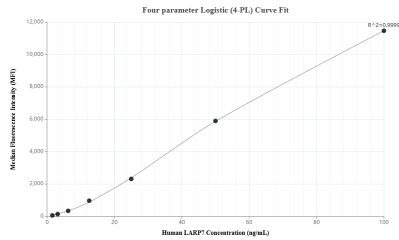
## Selected Validation Data



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), CLS94-Phalloidin (red). This data was developed using the same antibody clone with 84950-3-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01697-1, LARP7 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84950-3-PBS. Detection antibody: 84950-2-PBS. Standard: Ag10850. Range: 0.781-100 ng/mL.



Cytometric bead array standard curve of MP01697-2, LARP7 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84950-3-PBS. Detection antibody: 84950-1-PBS. Standard: Ag10850. Range: 1.563-100 ng/mL.