

For Research Use Only

CoraLite® Plus 488-conjugated LARP7 Recombinant antibody

Catalog Number: CL488-84950-3



Basic Information

Catalog Number: CL488-84950-3	GenBank Accession Number: BC006981	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 51574	CloneNo.: 242561F5
Source: Rabbit	UNIPROT ID: Q4G0J3	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: La ribonucleoprotein domain family, member 7	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG10850	Calculated MW: 582 aa, 67 kDa	
	Observed MW: 67 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A431 cells,
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].

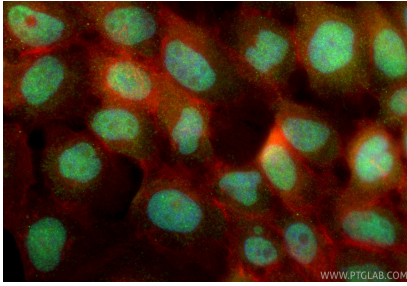
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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
W: ptglab.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 CoraLite® Plus 488 LARP7 antibody (CL488-84950-3, Clone: 242561F5) at dilution of 1:200, CL594-Phalloidin (red).