

For Research Use Only

CoraLite® Plus 488-conjugated LARP7 Recombinant antibody

Catalog Number: CL488-84950-3



Basic Information

Catalog Number:

CL488-84950-3

Concentration:

1000 ug/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: 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

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. 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:

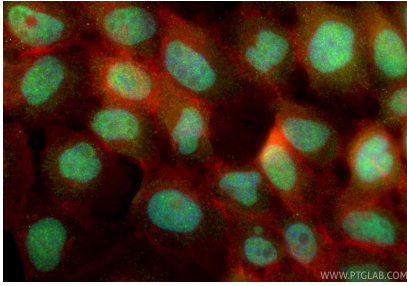
T: 4006900926

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