

For Research Use Only

LARP7 Recombinant antibody

Catalog Number: 84950-3-RR



Basic Information

Catalog Number: 84950-3-RR	GenBank Accession Number: BC006981	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 51574	CloneNo.: 242561F5
Source: Rabbit	UNIPROT ID: Q4G0J3	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:200-1:800 IF/ICC: 1:250-1:1000
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: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : LNCaP cells, HEK-293 cells, HeLa cells, Jurkat cells, K-562 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human stomach cancer tissue, 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 7SK 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, pH7.3
Aliquoting is unnecessary for -20°C storage

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

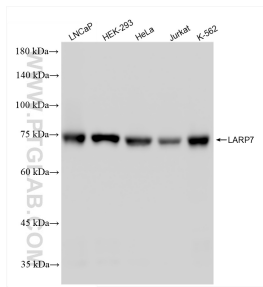
T: 4006900926

E: Proteintech-CN@ptglab.com

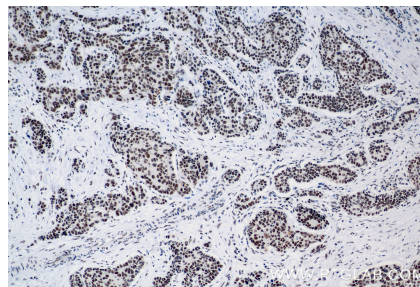
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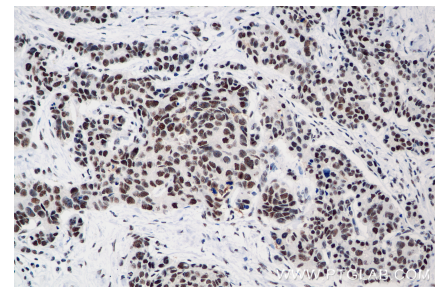
Selected Validation Data



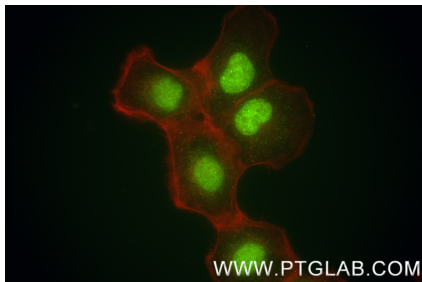
Various lysates were subjected to SDS PAGE followed by western blot with 84950-3-RR (LARP7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 84950-3-RR (LARP7 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 84950-3-RR (LARP7 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).