

For Research Use Only

LARP7 Polyclonal antibody

Catalog Number: 17067-1-AP

Featured Product

11 Publications



Basic Information

Catalog Number:

17067-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10891

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:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Jurkat cells, human brain tissue, NIH/3T3 cells

IHC : human breast cancer tissue, human placenta tissue, human testis tissue, human skin tissue, human liver tissue, human spleen tissue, human stomach cancer tissue, human ovary tissue

IF/ICC : HeLa 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. binds to and stabilizes 7sk snRNA [PMID:19416841].

Notable Publications

Author	Pubmed ID	Journal	Application
Ahmed S Warda	29051200	EMBO Rep	WB
Daiji Okamura	23154982	Genes Dev	WB
Eilebrecht Sebastian S	21957495	RNA Biol	WB

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

*** 20ul sizes contain 0.1% BSA

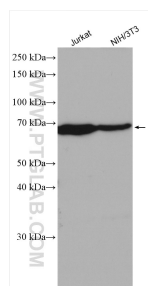
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

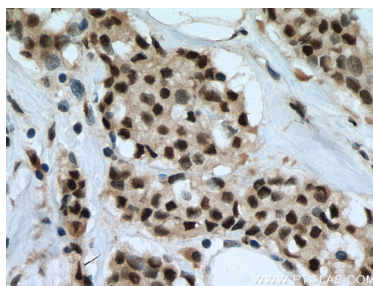
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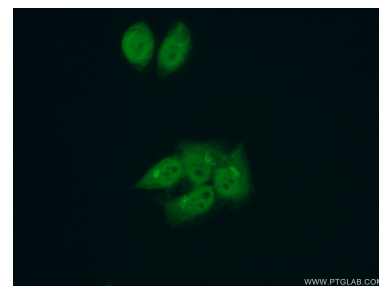
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17067-1-AP (LARP7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 17067-1-AP (LARP7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 17067-1-AP (LARP7 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).