

For Research Use Only

HNRNPL Polyclonal antibody

Catalog Number: 18354-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number:

18354-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13211

GenBank Accession Number:

BC069184

GeneID (NCBI):

3191

UNIPROT ID:

P14866

Full Name:

heterogeneous nuclear
ribonucleoprotein L

Calculated MW:

572 aa, 62 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 ug for 1.0-3.0 mg of total
protein lysate

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, ChIP

Species Specificity:

human, mouse

Cited Species:

human, pig, bovine, hamster

**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 : BxPC-3 cells, mouse liver tissue, PC-3 cells, RAW
264.7 cells

IP : BxPC-3 cells,

IHC : human stomach cancer tissue, human colon
cancer tissue, human kidney tissue

IF/ICC : HeLa cells,

Background Information

Heterogeneous nuclear ribonucleoprotein L (hnRNP L) is a component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. It is associated with most nascent transcripts including those of the landmark giant loops of amphibian lampbrush chromosomes. The two isoforms of hnRNP L are generated by alternative splicing. The human hnRNPL gene encodes a protein that is localized in the nucleoplasm and cytoplasm. This antibody may recognize both isoforms of the hnRNP L protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiongjie Yu	34491823	DNA Cell Biol	IHC
Erika C Urdaneta	31586594	Methods	WB
Chao Sun	32161169	J Virol	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

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

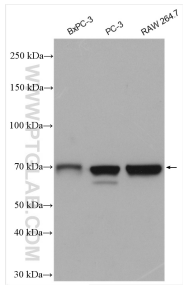
T: 4006900926

E: Proteintech-CN@ptglab.com

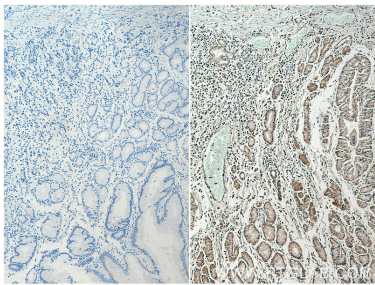
W: ptgcn.com

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

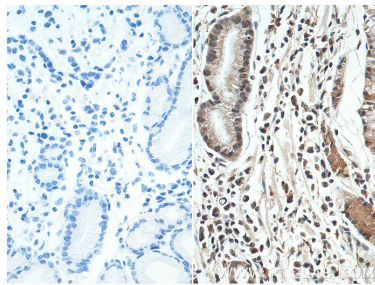
Selected Validation Data



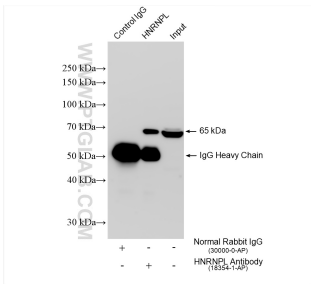
Various lysates were subjected to SDS PAGE followed by western blot with 18354-1-AP (HNRNPL antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



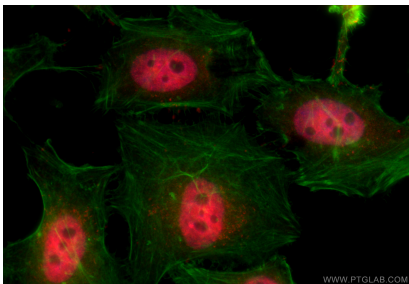
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 18354-1-AP (HNRNPL antibody) (right) at dilution of 1:200 compared to a negative control without primary antibody (left) (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 18354-1-AP (HNRNPL antibody) (right) at dilution of 1:200 compared to a negative control without primary antibody (left) (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-HNRNPL (IP:18354-1-AP, 4ug; Detection:18354-1-AP 1:4000) with BxPC-3 cells lysate 2080 ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HNRNPL antibody (18354-1-AP) at dilution of 1:400 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4), CL488-Phalloidin (green).