

For Research Use Only

# HNRNPL Polyclonal antibody

Catalog Number: 18354-1-AP

Featured Product

6 Publications



## Basic Information

### Catalog Number:

18354-1-AP

### Size:

150ul, Concentration: 400 µg/ml by Nanodrop and 247 µg/ml by Bradford method using BSA as the standard;

### 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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF 1:50-1:500

## Applications

### Tested Applications:

WB, IP, IF, IHC, ELISA

### Cited Applications:

WB, IF, IHC, ChIP

### Species Specificity:

human, mouse

### Cited Species:

human, hamster, pig, bovine

### 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 kidney tissue, human colon cancer tissue

IF: HeLa cells,

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

## 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,IF

## 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

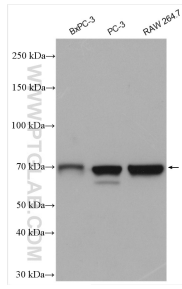
For technical support and original validation data for this product please contact:

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

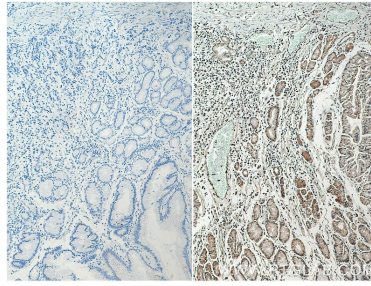
E: proteintech@ptglab.com  
W: ptglab.com

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

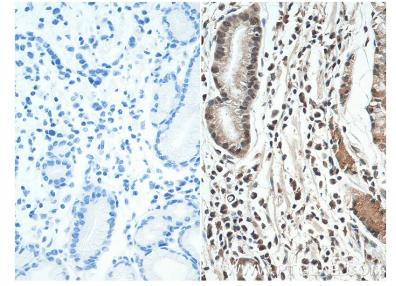
## Selected Validation Data



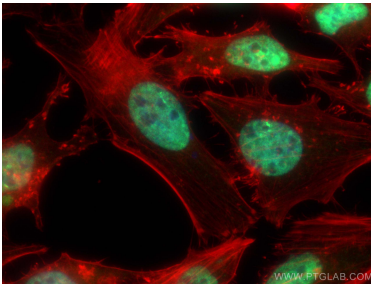
Various lysates were subjected to SDS PAGE followed by western blot with 18354-1-AP (HNRNPL antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



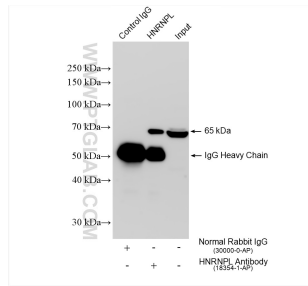
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 18354-1-AP (HNRNPL antibody) at dilution of 1:200 compared to a negative control without primary antibody (left) (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 18354-1-AP (HNRNPL antibody) 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).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HNRNPL antibody (18354-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



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