

For Research Use Only

# HNRNPL Polyclonal antibody, PBS Only

Catalog Number: 18354-1-PBS

Featured Product



## Basic Information

**Catalog Number:**

18354-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**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

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IP, Indirect ELISA

**Species Specificity:**

human, mouse

## 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.

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS Only

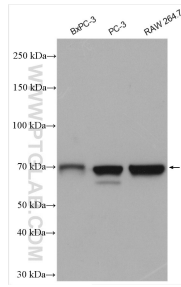
For technical support and original validation data for this product please contact:

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

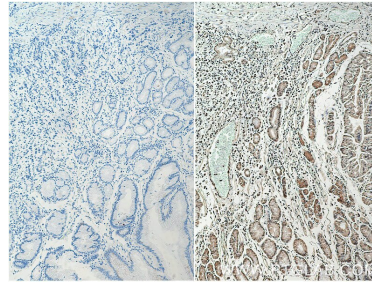
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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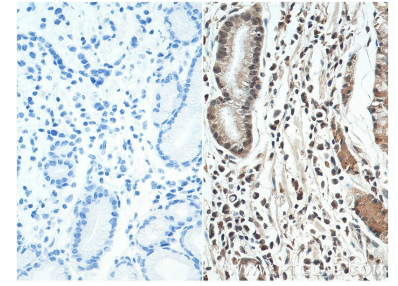
## Selected Validation Data



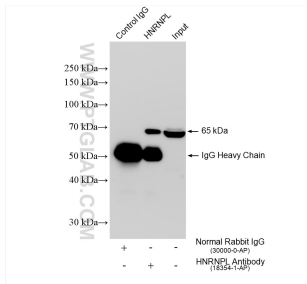
Various lysates were subjected to SDS PAGE followed by western blot with 18354-1-AP (HNRNPL antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 18354-1-PBS in a different storage buffer formulation.



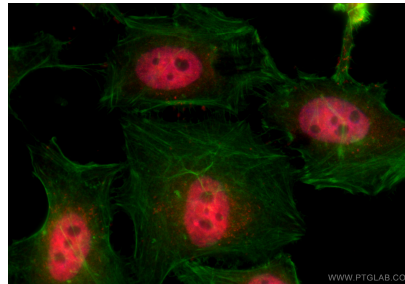
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 18354-1-AP (HNRNPL antibody) (right) at dilution of 1:200 compared to a negative control without primary antibody (left) (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 18354-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 18354-1-PBS in a different storage buffer formulation.



IP result of anti-HNRNPL (IP:18354-1-AP, 4ug; Detection:18354-1-AP 1:4000) with BxPC-3 cells lysate 2080 ug. This data was developed using the same antibody clone with 18354-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 18354-1-PBS in a different storage buffer formulation.