

For Research Use Only

# HNRNPL Recombinant antibody

Catalog Number: 82259-1-RR



## Basic Information

<b>Catalog Number:</b> 82259-1-RR	<b>GenBank Accession Number:</b> BC069184	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 400 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3191	<b>CloneNo.:</b> 3J22
<b>Source:</b> Rabbit	<b>Full Name:</b> heterogeneous nuclear ribonucleoprotein L	<b>Recommended Dilutions:</b> WB 1:2000-1:19600 IHC 1:400-1:1600
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 572 aa, 62 kDa	
<b>Immunogen Catalog Number:</b> AG13211	<b>Observed MW:</b> 64 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

Human, Rat

**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 :** HEK-293 cells, HeLa cells, PC-3 cells, BxPC-3 cells, C6 cells, HSC-T6 cells

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

## 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 -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

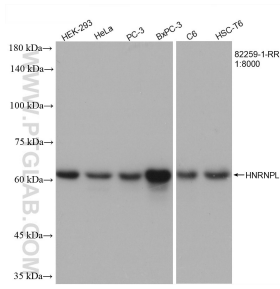
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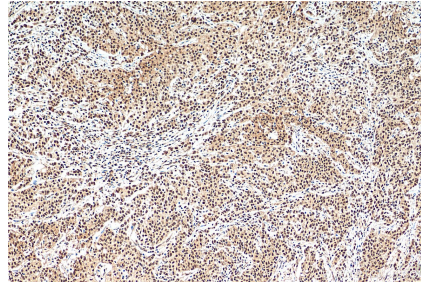
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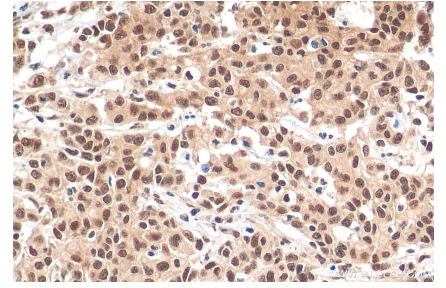
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82259-1-RR (HNRNPL antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 82259-1-RR (HNRNPL antibody) at dilution of 1:800 (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 82259-1-RR (HNRNPL antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).