

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 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3191	<b>CloneNo.:</b> 3J22
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P14866	<b>Recommended Dilutions:</b> WB 1:2000-1:19600 IHC 1:400-1:1600
<b>Isotype:</b> IgG	<b>Full Name:</b> heterogeneous nuclear ribonucleoprotein L	
<b>Immunogen Catalog Number:</b> AG13211	<b>Calculated MW:</b> 572 aa, 62 kDa	
	<b>Observed MW:</b> 64 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human, Rat	<b>WB :</b> HEK-293 cells, HeLa cells, PC-3 cells, BxPC-3 cells, C6 cells, HSC-T6 cells
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> 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

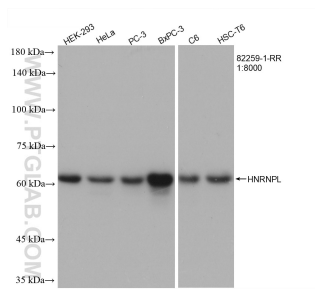
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

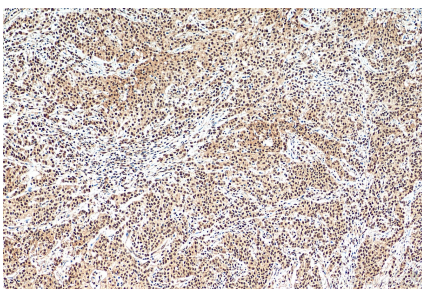
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

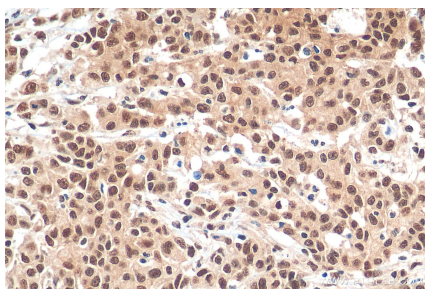
Selected Validation Data



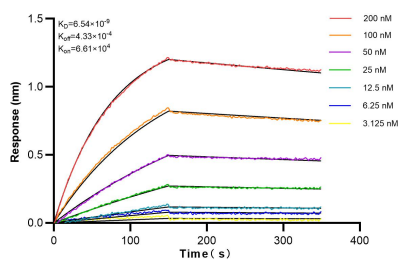
Various lysates were subjected to SDS PAGE followed by western blot with 82259-1-RR (HNRNPL antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



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).



Biolayer interferometry (BLI) kinetic assays of 82259-1-RR against Human HNRNPL were performed. The affinity constant is 6.54 nM.