

For Research Use Only

# HNRNPA2B1 Polyclonal antibody

Catalog Number:14813-1-AP

Featured Product

65 Publications



## Basic Information

### Catalog Number:

14813-1-AP

### Size:

150ul , Concentration: 550 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG6563

### GenBank Accession Number:

BC000506

### GeneID (NCBI):

3181

### UNIPROT ID:

P22626

### Full Name:

heterogeneous nuclear ribonucleoprotein A2/B1

### Calculated MW:

37 kDa

### Observed MW:

36 kDa and 38 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:1000-1:4000

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC, IF, IP, CoIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, pig, chicken

**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 : A549 cells, A431 cells, HL-60 cells, HSC-T6 cells, HeLa cells, K-562 cells

IHC : human colon tissue, human lymphoma tissue, human colon cancer tissue

## Background Information

HnRNPA2B1 is one of the heterogenous nuclear ribonucleoproteins (HnRNPs), which regulate the splicing and transportation of mRNA. It has a role in packaging nascent mRNA, alternative splicing, cytoplasmic RNA trafficking, translation, and stabilization. Besides it may involve in telomere maintenance, cell proliferation and differentiation, and glucose transport. Gene HURNPA2B1 encodes two proteins, HNRNPA2 (36kd) and HNRNPB1 (38kd), by alternative splicing.

## Notable Publications

Author	Pubmed ID	Journal	Application
Huimin Guo	33134163	Front Oncol	WB
Feiya Zhu	34631545	Front Oncol	IHC
Xin Liu	34496888	Mol Cancer	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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

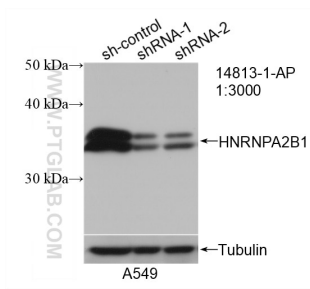
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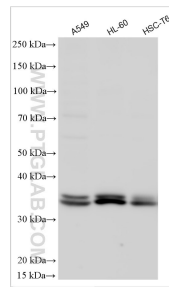
E: proteintech@ptglab.com  
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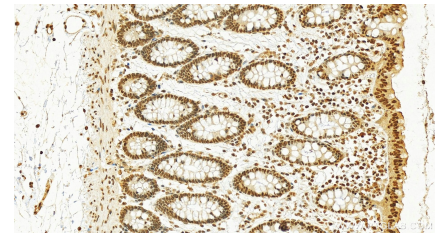
## Selected Validation Data



WB result of HNRNPA2B1 antibody (14813-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HNRNPA2B1 transfected A549 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 14813-1-AP (HNRNPA2B1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 14813-1-AP (HNRNPA2B1 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).