

For Research Use Only

# HNRNPA2B1 Monoclonal antibody

Catalog Number: 67445-1-Ig

Featured Product

5 Publications



## Basic Information

<b>Catalog Number:</b> 67445-1-Ig	<b>GenBank Accession Number:</b> BC000506	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul, Concentration: 1800 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3181	<b>CloneNo.:</b> 3H6F7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P22626	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:8000-1:32000 IF/ICC 1:400-1:1600
<b>Isotype:</b> IgG2a	<b>Full Name:</b> heterogeneous nuclear ribonucleoprotein A2/B1	
<b>Immunogen Catalog Number:</b> AG6699	<b>Calculated MW:</b> 37 kDa	
	<b>Observed MW:</b> 36 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, ELISA

**Cited Applications:**  
WB, IHC, IF, RIP

**Species Specificity:**  
Human, mouse, rat

**Cited Species:**  
human, pig

**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:** LNCaP cells, HeLa cells, A549 cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells

**IHC:** human colon tissue, human lung cancer tissue

**IF/ICC:** U2OS cells,

## Background Information

HnRNPA2B1 is one of heterogeneous nuclear ribonucleoproteins (HnRNPs), which regulate the splicing and transportation of mRNA and participate in carcinogenesis. 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Belinda J Petri	34273466	Cancer Lett	WB
Mengqi Chu	33509274	Stem Cell Res Ther	WB
Shaojun Chu	39748192	Clin Transl Med	WB, RIP

## Storage

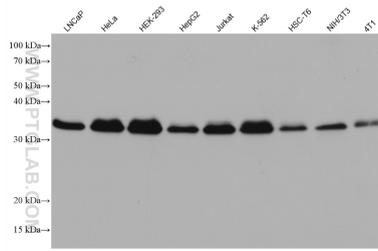
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

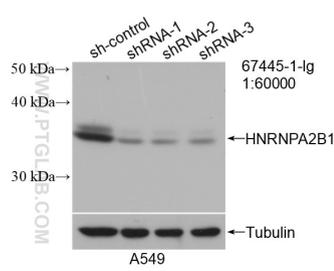
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



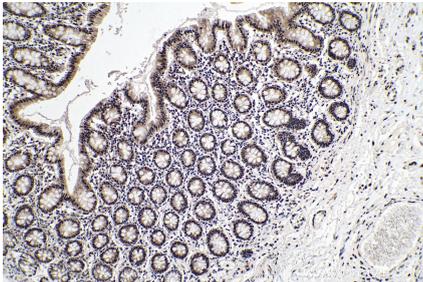
Various lysates were subjected to SDS PAGE followed by western blot with 67445-1-Ig (HNRNPA2B1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



WB result of HNRNPA2B1 antibody (67445-1-Ig; 1:60000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HNRNPA2B1 transfected A549 cells.



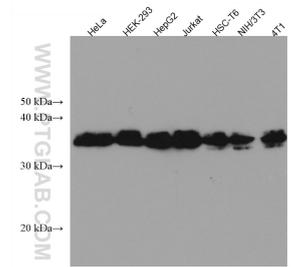
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using HNRNPA2B1 antibody (67445-1-Ig, Clone: 3H6F7) at dilution of 1:800 and CoraLite@488-Conjugated Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 67445-1-Ig (HNRNPA2B1 antibody) at dilution of 1:16000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using HNRNPA2B1 antibody (67445-1-Ig, Clone: 3H6F7) at dilution of 1:800 and CoraLite@488-Conjugated Goat Anti-Mouse IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 67445-1-Ig (HNRNPA2B1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.