

For Research Use Only

HNRNPA2B1 Monoclonal antibody

Catalog Number: 67445-1-Ig

Featured Product

5 Publications



Basic Information

Catalog Number:

67445-1-Ig

Size:

150ul, Concentration: 1800 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG6699

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

Purification Method:

Protein A purification

CloneNo.:

3H6F7

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:8000-1:32000

IF/ICC 1:400-1:1600

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

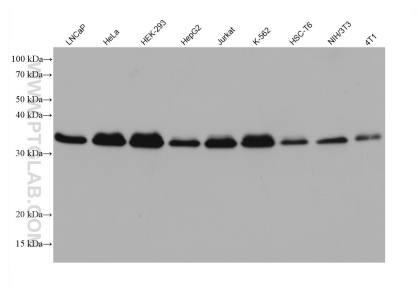
For technical support and original validation data for this product please contact:

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

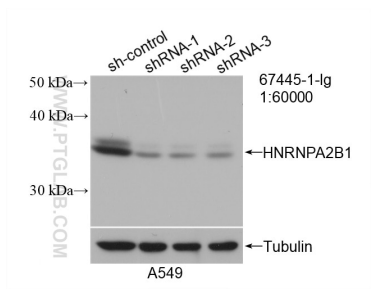
E: proteintech@ptglab.com
W: ptglab.com

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

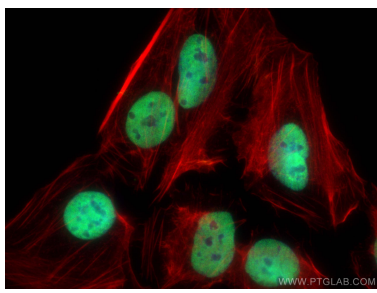
Selected Validation Data



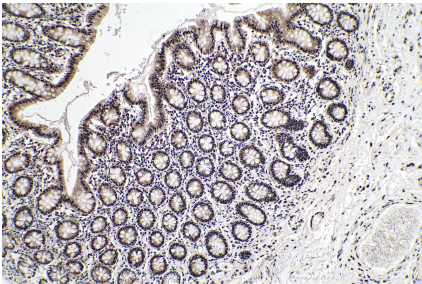
Various lysates were subjected to SDS PAGE followed by western blot with 67445-1-Ig (HNRNPA2B1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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.



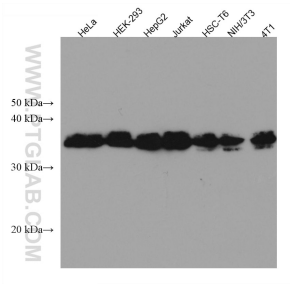
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using HNRNPA2B1 antibody (67445-1-Ig, Clone: 3H6F7) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red).



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.