

For Research Use Only

HNRNPA2B1 Polyclonal ANTIBODY



Catalog Number: 14813-1-AP

Featured Product

7 Publications

Basic Information

Catalog Number:

14813-1-AP

Size:

150UL, Concentration: 233 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6563

GenBank Accession Number:

BC000506

GeneID (NCBI):

3181

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 1:2000-1:16000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:50-1:500

Applications

Tested Applications:

IF, IHC, IP, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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: A431 cells, A549 cells, HeLa cells, HL-60 cells, Jurkat cells, K-562 cells, Raji cells

IP: mouse liver tissue,

IHC: human lymphoma tissue, human cervical cancer tissue

IF: HeLa cells,

Background Information

HnRNPA2B1 is one of heterogeneous 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 HNRNPA2B1 encodes two proteins, HNRNPA2 (38kd) and HNRNPB1 (36kd), by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Hiroaki Suzuki	25378556	Hum Mol Genet	WB
Chunhe Yang	27226232	Scand J Immunol	
Tianliang He	29925861	Oncogene	WB

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

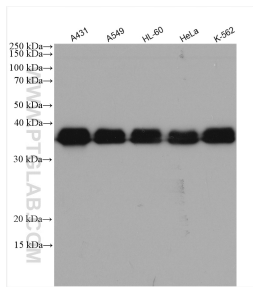
For technical support and original validation data for this product please contact:

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

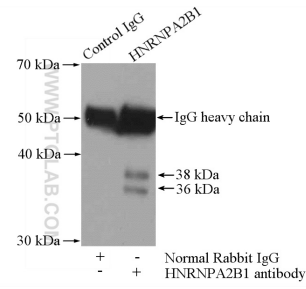
E: proteintech@ptglab.com
W: ptglab.com

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

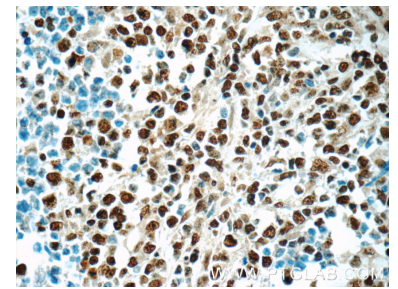
Selected Validation Data



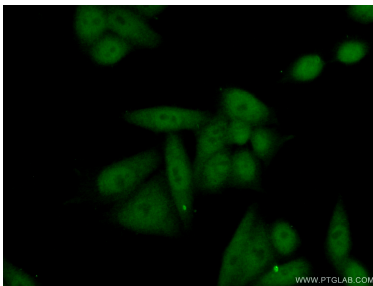
A431 cells were subjected to SDS PAGE followed by western blot with 14813-1-AP (HNRNPA2B1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP Result of anti-HNRNPA2B1 (IP:14813-1-AP, 4 μ g; Detection:14813-1-AP 1:500) with mouse liver tissue lysate 4000 μ g.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 14813-1-AP (HNRNPA2B1 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 14813-1-AP (HNRNPA2B1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).