

HNRNPA2B1 Polyclonal antibody

Catalog Number: 14813-1-AP

Featured Product

48 Publications

Basic Information

Catalog Number: 14813-1-AP	GenBank Accession Number: BC000506	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 3181	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:50-1:500
Source: Rabbit	Full Name: heterogeneous nuclear ribonucleoprotein A2/B1	
Isotype: IgG	Calculated MW: 37 kDa	
Immunogen Catalog Number: AG6563	Observed MW: 36 kDa and 38 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: CoIP, IF, IHC, IP, WB	WB: A549 cells, A431 cells, HL-60 cells, HSC-T6 cells, HeLa cells, K-562 cells
Species Specificity: human, mouse, rat	IHC: human cervical cancer tissue, human lymphoma tissue, human colon cancer tissue
Cited Species: human, chicken, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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 HURNPA2B1 encodes two proteins, HNRNPA2 (38kd) and HNRNPB1 (36kd), 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

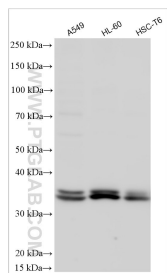
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

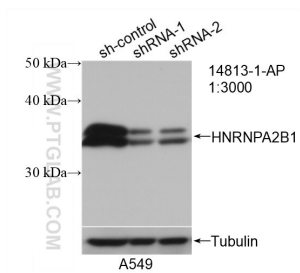
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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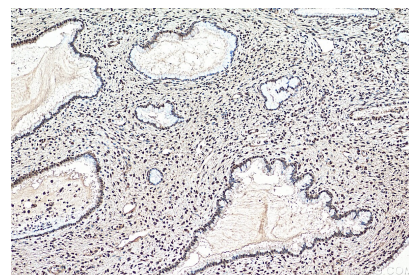
Selected Validation Data



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.



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.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 14813-1-AP (HNRNPA2B1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).