

For Research Use Only

HNRNPAB Polyclonal antibody

Catalog Number: 31175-1-AP



Basic Information

Catalog Number: 31175-1-AP	GenBank Accession Number: BC036708	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 3182	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q99729	
Isotype: IgG	Full Name: heterogeneous nuclear ribonucleoprotein A/B	
Immunogen Catalog Number: AG35010	Calculated MW: 36 kDa	
	Observed MW: 36-40 kDa	

Applications

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

Species Specificity:
human

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 : HeLa cells, Jurkat cells

IHC : mouse liver tissue,

IF/ICC : HeLa cells, Jurkat cells

Background Information

Heterogeneous nuclear ribonucleoprotein AB (HNRNPAB) is a member of the hnRNP family involved in multiple forms of transcriptional control. It plays an important role in normal biological processes and tumor development and progression. HNRNPAB acts as a direct transcriptional target of c-Myc and promotes G1/S cell cycle progression and cell proliferation via CDK4(PMID: 36657708).

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

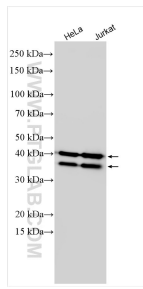
For technical support and original validation data for this product please contact:

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

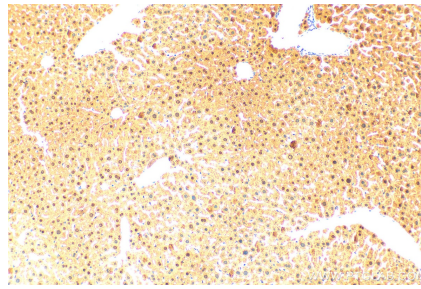
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



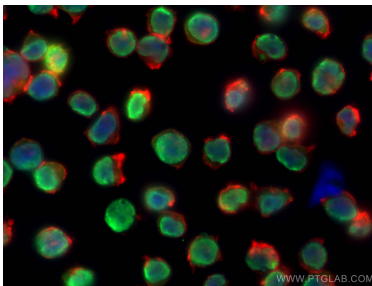
Various lysates were subjected to SDS PAGE followed by western blot with 31175-1-AP (HNRNPAB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 31175-1-AP (HNRNPAB antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HNRNPAB antibody (31175-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using HNRNPAB antibody (31175-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).