

For Research Use Only

HNRNPAB Recombinant antibody

Catalog Number: 84207-1-RR

Featured Product



Basic Information

Catalog Number:

84207-1-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35010

GenBank Accession Number:

BC036708

GeneID (NCBI):

3182

UNIPROT ID:

Q99729

Full Name:

heterogeneous nuclear ribonucleoprotein A/B

Calculated MW:

36 kDa

Observed MW:

36-42 kDa

Purification Method:

Protein A purification

CloneNo.:

241462B1

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, HeLa cells, HepG2 cells, HEK-293T cells, K-562 cells

IF/ICC : HeLa 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

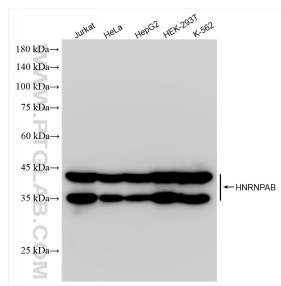
For technical support and original validation data for this product please contact:

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

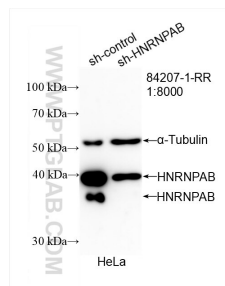
E: proteintech@ptglab.com
W: ptglab.com

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

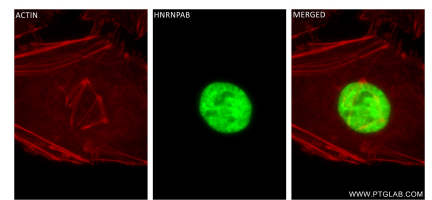
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84207-1-RR (HNRNPAB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



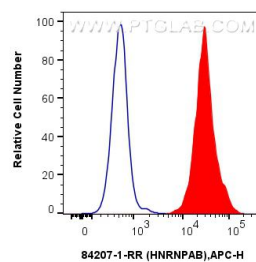
WB result of HNRNPAB antibody (84207-1-RR; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HNRNPAB transfected HeLa cells.



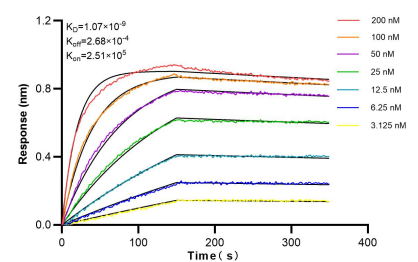
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HNRNPAB antibody (84207-1-RR, Clone: 241462B1) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HNRNPAB antibody (84207-1-RR, Clone: 241462B1) at dilution of 1:500 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4), CL488-Phalloidin (green).



1x10⁶ Jurkat cells were intracellularly stained with 0.25 ug HNRNPAB Recombinant antibody (84207-1-RR, Clone:241462B1) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.



Biolayer interferometry (BLI) kinetic assays of 84207-1-RR against Human HNRNPAB were performed. The affinity constant is 1.07 nM.