

For Research Use Only

HNRNPAB Recombinant antibody, PBS Only (Capture)

Catalog Number: 84207-1-PBS

Featured Product



Basic Information

Catalog Number:

84207-1-PBS

Concentration:

1 mg/ml

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

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), Cytometric bead array, Indirect
ELISA

Species Specificity:

human

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only

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

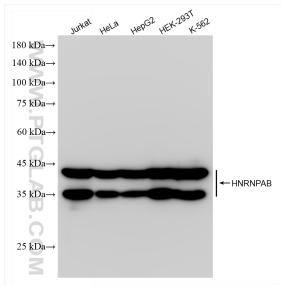
T: 4006900926

E: Proteintech-CN@ptglab.com

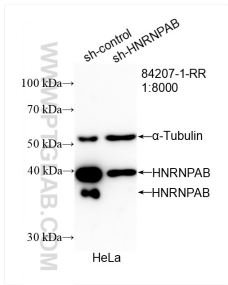
W: ptgcn.com

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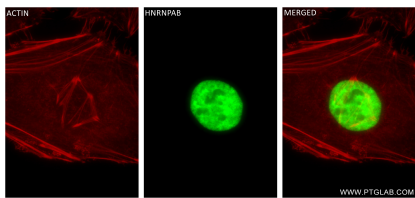
Selected Validation Data



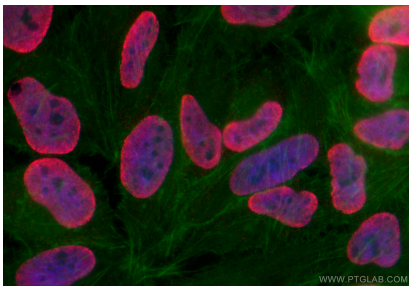
Various lysates were subjected to SDS PAGE followed by western blot with 84207-1-RR (HNRNPAB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84207-1-PBS in a different storage buffer formulation.



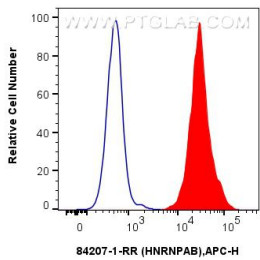
WB result of HNRNPAB antibody (84207-1-RR; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HNRNPAB transfected HeLa cells. This data was developed using the same antibody clone with 84207-1-PBS in a different storage buffer formulation.



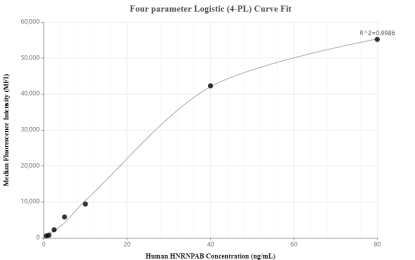
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HNRNPAB antibody (84207-1-RR, Clone: 241462B1) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84207-1-PBS in a different storage buffer formulation.



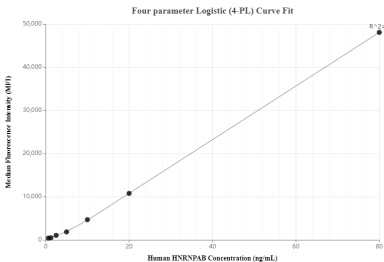
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HNRNPAB antibody (84207-1-RR, Clone: 241462B1) at dilution of 1:500 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4), CL488-Phalloidin (green). This data was developed using the same antibody clone with 84207-1-PBS in a different storage buffer formulation.



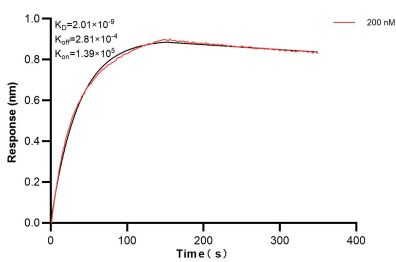
1x10⁶ Jurkat cells were intracellularly stained with 0.25 ug HNRNPAB Recombinant antibody (84207-1-RR, Clone:241462B1) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set. This data was developed using the same antibody clone with 84207-1-PBS in a different storage buffer formulation.



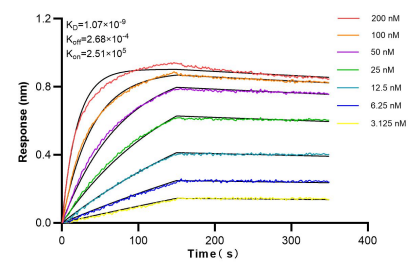
Cytometric bead array standard curve of MP01139-1, HNRNPAB Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84207-1-PBS. Detection antibody: 84207-2-PBS. Standard: Ag35010. Range: 0.625-80 ng/mL



Cytometric bead array standard curve of MP01139-2, HNRNPAB Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84207-1-PBS. Detection antibody: 84207-3-PBS. Standard: Ag35010. Range: 0.625-80 ng/mL



Biolayer interferometry (BLI) kinetic assay of 84207-1-PBS against Human HNRNPAB was performed. The affinity constant is 2.01 nM.



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