

For Research Use Only

HNRNPR Recombinant antibody, PBS Only (Capture)

Catalog Number: 85078-1-PBS



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
85078-1-PBS	BC001449	Protein A purification
Concentration:	GeneID (NCBI):	CloneNo.:
1 mg/ml	10236	242734C8
Source:	UNIPROT ID:	
Rabbit	O43390	
Isotype:	Full Name:	
IgG	heterogeneous nuclear	
Immunogen Catalog Number:	ribonucleoprotein R	
AG30339	Calculated MW:	
	71 kDa	
	Observed MW:	
	65-82 kDa	

Applications

Tested Applications:
WB, IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

HNRNPR belongs to Heterogeneous nuclear ribonucleoproteins (hnRNPs), which are among the most abundant proteins in the eukaryotic nucleus and they play important roles in processing of precursor mRNA. hnRNP proteins have a modular structure consisting of one or more RNA binding domains and at least another auxiliary domain, which likely mediates protein-protein interactions but may also contribute to nucleic acid binding. The calculated molecular weight of HNRNPR is 71 kDa, but the migration behavior of the 82 kDa translation product was indistinguishable from that of HNRNPR. (PMID: 9421497)

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:

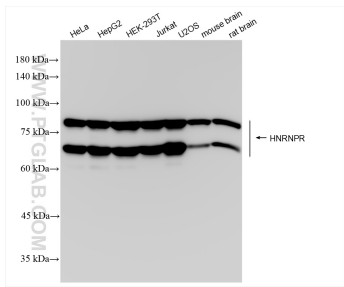
T: 4006900926

E: Proteintech-CN@ptglab.com

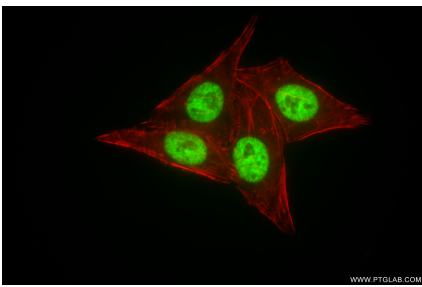
W: ptgcn.com

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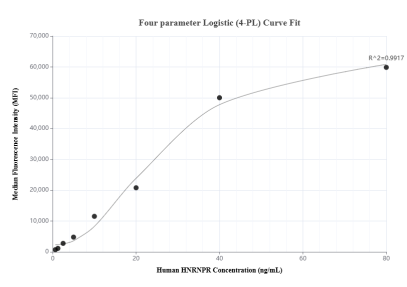
Selected Validation Data



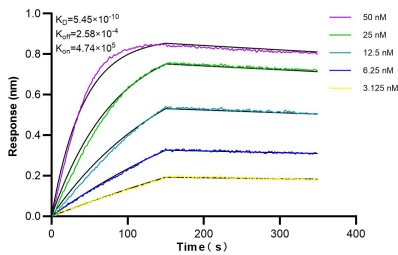
Various lysates were subjected to SDS PAGE followed by western blot with 85078-1-RR (HNRNPR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85078-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HNRNPR antibody (85078-1-RR, Clone: 242734C8) at dilution of 1:1000 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 85078-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01784-1, HNRNPR Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85078-1-PBS. Detection antibody: 85078-2-PBS. Standard: Ag30339. Range: 0.625-80 ng/mL



Biolayer interferometry (BLI) kinetic assays of 85078-1-RR against Human HNRNPR were performed. The affinity constant is 0.545 nM.