

For Research Use Only

HNRNPR Recombinant antibody, PBS Only

Catalog Number: 85078-5-PBS



Basic Information

Catalog Number:

85078-5-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30339

GenBank Accession Number:

BC001449

GeneID (NCBI):

10236

UNIPROT ID:

O43390

Full Name:

heterogeneous nuclear
ribonucleoprotein R

Calculated MW:

71 kDa

Observed MW:

65-82 kDa

Purification Method:

Protein A purification

CloneNo.:

242734A8

Applications

Tested Applications:

WB, IF/ICC, 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:

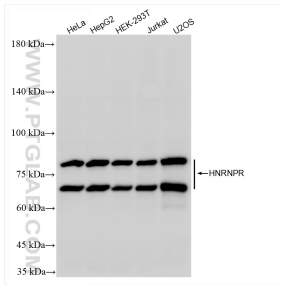
T: 4006900926

E: Proteintech-CN@ptglab.com

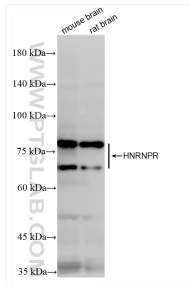
W: ptgcn.com

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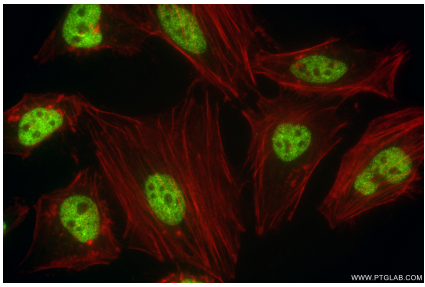
Selected Validation Data



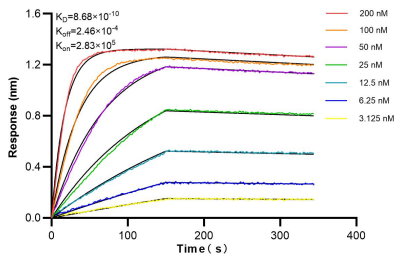
Various lysates were subjected to SDS PAGE followed by western blot with 85078-5-RR (HNRNPR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85078-5-PBS in a different storage buffer formulation.



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Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HNRNPR antibody (85078-5-RR, Clone: 242734A8) at dilution of 1:500 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 85078-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85078-5-RR against Human HNRNPR were performed. The affinity constant is 0.868 nM.