

For Research Use Only

# HNRNPH1 Recombinant monoclonal antibody

Catalog Number:88017-1-RR



## Basic Information

<b>Catalog Number:</b> 88017-1-RR	<b>GenBank Accession Number:</b> BC001348	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 3187	<b>CloneNo.:</b> 260181B8
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P31943	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000 IF/ICC: 1:500-1:2000
<b>Immunogen Catalog Number:</b> AG6506	<b>Full Name:</b> heterogeneous nuclear ribonucleoprotein H1 (H)	
	<b>Calculated MW:</b> 49 kDa	
	<b>Observed MW:</b> 49-50 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> HeLa cells, HepG2 cells, HEK-293T cells, 4T1 cells, NIH/3T3 cells, HSC-T6 cells, mouse brain tissue
	<b>IF/ICC :</b> HepG2 cells,

## Background Information

The heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. HNRNPH1 is one component of hnRNP complex and mediates pre-mRNA alternative splicing regulation [PMID:11003644]. Together with CUGBP1, it inhibits IR pre-mRNA exon 11 inclusion in myoblast [PMID: 16946708].

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

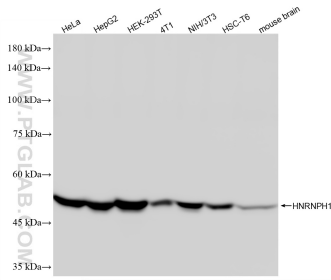
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

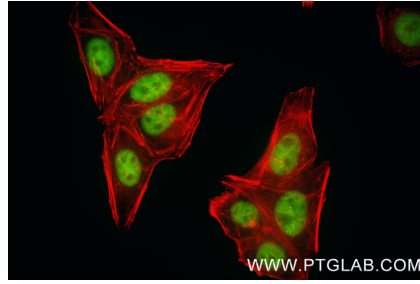
W: [ptgcn.com](http://ptgcn.com)

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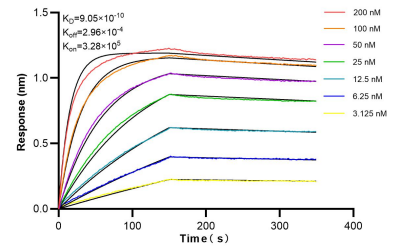
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88017-1-RR (HNRNP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HNRNP1 antibody (88017-1-RR, Clone: 260181B8) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 88017-1-RR against Human HNRNP1 were performed. The affinity constant is 0.905 nM.