

For Research Use Only

HNRNPH1 Recombinant monoclonal antibody

Catalog Number: 88017-1-RR



Basic Information

Catalog Number: 88017-1-RR	GenBank Accession Number: BC001348	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3187	CloneNo.: 260181B8
Source: Rabbit	UNIPROT ID: P31943	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:500-1:2000
Isotype: IgG	Full Name: heterogeneous nuclear ribonucleoprotein H1 (H)	
Immunogen Catalog Number: AG6506	Calculated MW: 49 kDa	
	Observed MW: 49-50 kDa	

Applications

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

*** 20ul sizes contain 0.1% BSA

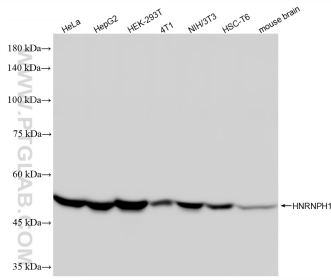
For technical support and original validation data for this product please contact:

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

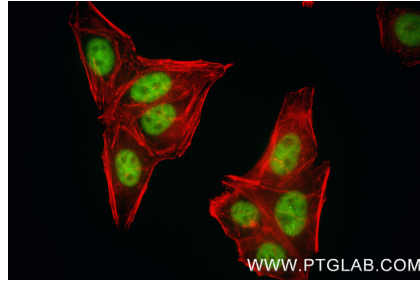
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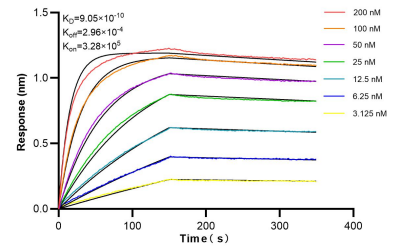
Selected Validation Data



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).



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