

For Research Use Only

HNRNPH1 Monoclonal antibody

Catalog Number: 67375-1-Ig 2 Publications



Basic Information

Catalog Number: 67375-1-Ig	GenBank Accession Number: BC001348	Purification Method: Protein G purification
Size: 150ul , Concentration: 1600 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3187	CloneNo.: 1A6C2
Source: Mouse	UNIPROT ID: P31943	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000 IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: heterogeneous nuclear ribonucleoprotein H1 (H)	
Immunogen Catalog Number: AG6603	Calculated MW: 49 kDa	
	Observed MW: 49-50 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Cited Applications: WB	WB : HeLa cells, HEK-293 cells, MCF-7 cells, LNCaP cells, U2OS cells, HSC-T6 cells, 4T1 cells, Jurkat cells, NIH/3T3 cells
Species Specificity: human, mouse, rat	IHC : human breast cancer tissue,
Cited Species: human	IF/ICC : HepG2 cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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].

Notable Publications

Author	Pubmed ID	Journal	Application
Shiqing Wang	39221900	J Cell Physiol	WB
Tamara Vital	36793594	Front Oncol	WB

Storage

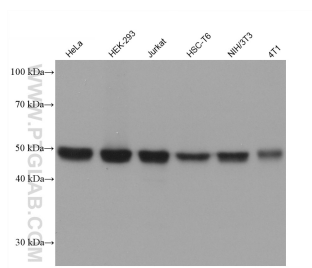
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

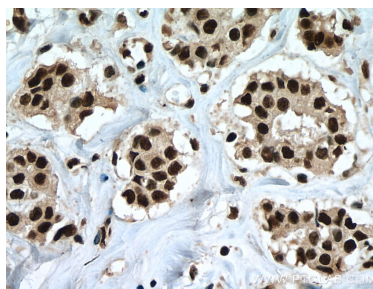
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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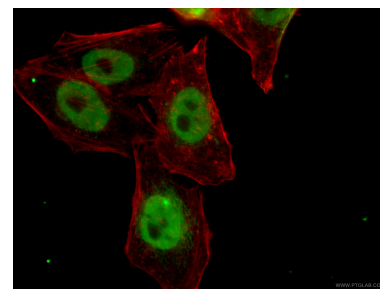
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67375-1-Ig (HNRNPH1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67375-1-Ig (HNRNPH1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 67375-1-Ig (HNRNPH1 antibody), at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).