

For Research Use Only

HNRNPH1 Monoclonal antibody

Catalog Number: 67375-1-Ig **1 Publications**



Basic Information

Catalog Number:

67375-1-Ig

Size:

1600 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6603

GenBank Accession Number:

BC001348

GeneID (NCBI):

3187

UNIPROT ID:

P31943

Full Name:

heterogeneous nuclear
ribonucleoprotein H1 (H)

Calculated MW:

49 kDa

Observed MW:

49-50 kDa

Purification Method:

Protein G purification

CloneNo.:

1A6C2

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:500-1:2000

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

Human, mouse, rat

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, HEK-293 cells, MCF-7 cells, LNCaP cells, U2OS cells, HSC-T6 cells, 4T1 cells

IHC : human breast cancer tissue,

IF : 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].

Notable Publications

Author	Pubmed ID	Journal	Application
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

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

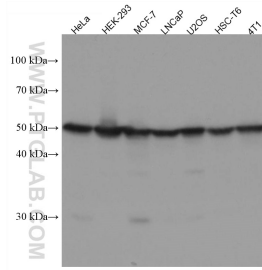
T: 4006900926

E: Proteintech-CN@ptglab.com

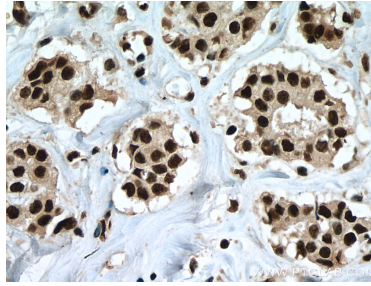
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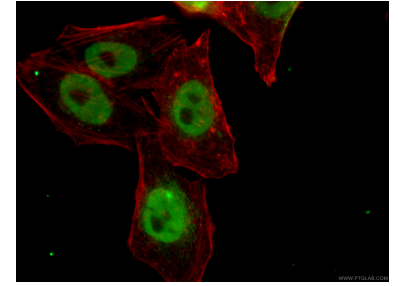
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67375-1-Ig (HNRNP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67375-1-Ig (HNRNP1 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 (HNRNP1 antibody), at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).