

For Research Use Only

# HNRNPC Monoclonal antibody

Catalog Number: 68447-1-Ig



## Basic Information

Catalog Number:

68447-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG2356

GenBank Accession Number:

BC003394

GeneID (NCBI):

3183

UNIPROT ID:

P07910

Full Name:

heterogeneous nuclear  
ribonucleoprotein C (C1/C2)

Calculated MW:

32 kDa

Observed MW:

36-40 kDa

Purification Method:

Protein G purification

CloneNo.:

2G8G4

Recommended Dilutions:

WB 1:5000-1:50000

IP 0.5-4.0 µg for 1.0-3.0 mg of total  
protein lysate

IF 1:200-1:800

## Applications

Tested Applications:

IF/ICC, IP, WB, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB: U2OS cells, A549 cells, LNCaP cells, HeLa cells,  
HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells,  
NIH/3T3 cells

IP: HeLa cells,

IF: HeLa cells,

## Background Information

HNRNPC, also named as Heterogeneous nuclear ribonucleoproteins C1/C2, is a 306 amino acid protein, which contains 1 RRM (RNA recognition motif) domain and belongs to the RRM HNRPC family. HNRNPC localizes in the nucleus. It binds pre-mRNA and nucleates the assembly of 40S hnRNP particles. HNRNPC may play a role in the early steps of spliceosome assembly and pre-mRNA splicing. HNRNPC can act as a tetramer and is involved in the assembly of 40S hnRNP particles and plays a role with CSDE1 in internal initiation of translation during mitosis.

## 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:

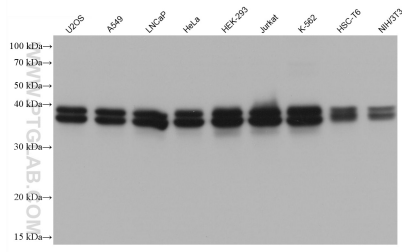
T: 4006900926

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

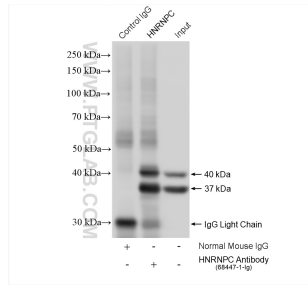
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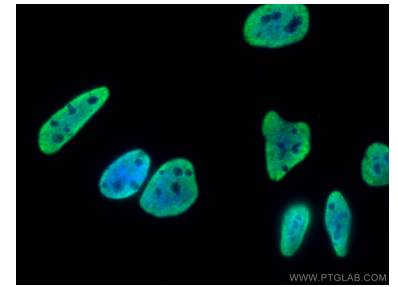
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68447-1-Ig (HNRNPC antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



IP result of anti-HNRNPC (IP:68447-1-Ig, 4ug; Detection:68447-1-Ig 1:4000) with HeLa cells lysate 1560 ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HNRNPC antibody (68447-1-Ig, Clone: 2G8G4 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).