

For Research Use Only

# HNRNPC Monoclonal antibody

Catalog Number: 68447-1-Ig



## Basic Information

<b>Catalog Number:</b> 68447-1-Ig	<b>GenBank Accession Number:</b> BC003394	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3183	<b>CloneNo.:</b> 2G8G4
<b>Source:</b> Mouse	<b>Full Name:</b> heterogeneous nuclear ribonucleoprotein C (C1/C2)	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IP 0.5-4.0 ug for IP and 1:1000-1:8000 for WB
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 32 kDa	
<b>Immunogen Catalog Number:</b> AG2356	<b>Observed MW:</b> 36-40 kDa	

## Applications

**Tested Applications:**  
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,

## 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 HNRNPC 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.

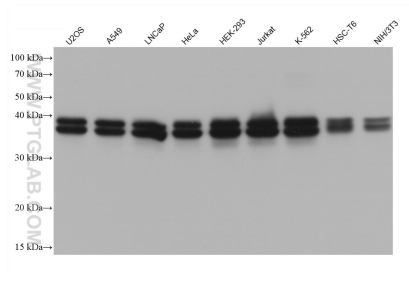
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

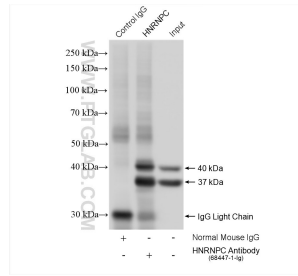
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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.