

For Research Use Only

HNRNPC Monoclonal antibody, PBS Only



Catalog Number: 68447-1-PBS

Basic Information

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|---|--|---|
| Catalog Number: 68447-1-PBS | GenBank Accession Number: BC003394 | Purification Method: Protein G purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 3183 | CloneNo.: 2G8G4 |
| Source: Mouse | UNIPROT ID: P07910 | |
| Isotype: IgG1 | Full Name: heterogeneous nuclear ribonucleoprotein C (C1/C2) | |
| Immunogen Catalog Number: AG2356 | Calculated MW: 32 kDa | |
| | Observed MW: 36-40 kDa | |

Applications

Tested Applications:
WB, IP, IF, Indirect ELISA

Species Specificity:
Human, mouse , rat

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

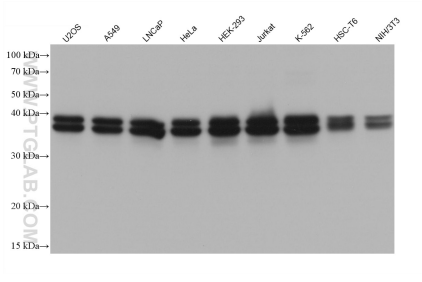
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

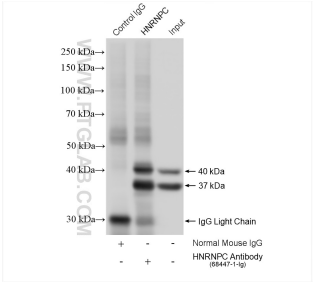
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

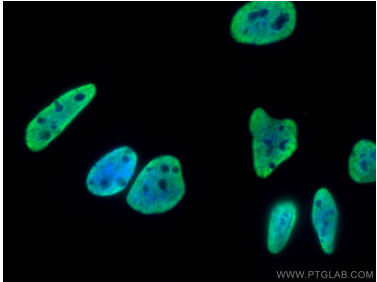
Selected Validation Data



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. This data was developed using the same antibody clone with 68447-1-PBS in a different storage buffer formulation.



IP result of anti-HNRNPC (IP:68447-1-Ig, 4ug; Detection:68447-1-Ig 1:4000) with HeLa cells lysate 1560 ug. This data was developed using the same antibody clone with 68447-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 68447-1-PBS in a different storage buffer formulation.