

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PRPF3



Numéro de catalogue: 10106-1-AP

4 Publications

Informations de base

Numéro de catalogue:
10106-1-AP

Taille:
150ul, Concentration: 900 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0154

Numéro d'acquisition GenBank:
BC000184

Identification du gène (NCBI):
9129

Nom complet:
PRP3 pre-mRNA processing factor 3 homolog (S. cerevisiae)

MW calculé:
78 kDa

MW observés:
90 kDa, 78 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

Applications

Applications testées:
IP, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

Contrôles positifs:

WB : cellules Y79, cellules HepG2, cellules L02, tissu cérébral de souris, tissu hépatique de souris

IP : tissu hépatique de souris,

Informations générales

The pre-mRNA splicing occurs in spliicosomes, which consist of four ribonucleoprotein (snRNP) particles (U1, U2, U5 and U4/U6) and more than fifty proteins. This U4/U6-associated splicing factor, Hprp3p, is a 77 kDa protein, which is homologous to the Saccharomyces cerevisiae splicing factor Prp3p and may play a role in spliceosome assembly. Western blot analysis of HeLa cell nuclear extracts detected PRP3 protein at an apparent molecular mass of about 90 kD (PMID: 9328476). The discrepancy between the molecular mass reported here and that predicted from the Hprp3p coding sequence can be attributed, at least partially, to the highly positive charge; its value of predicted isoelectric point (IP) is 9.99. This antibody is a rabbit polyclonal antibody raised against an internal region of human PRPF3. A predicted molecular mass of 77 kDa and the gene is named PRPF3 because it is homologous to the yeast PRP3 gene. We noticed that although the predicted molecular mass of PRPF3 is 77 kDa, the protein produced in E.coli migrated like a 90 kDa protein in SDS-PAGE. (PMID: 9328476)

Publications notables

Autrice	Pubmed ID	Journal	Application
Junqiang Li	35260078	Cell Mol Biol Lett	IF
Kimiyoshi Yano	34144037	J Biol Chem	WB
Tanackovic Goranka G	21378395	Hum Mol Genet	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

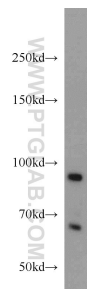
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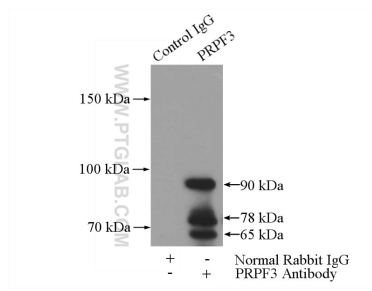
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



Y79 cells were subjected to SDS PAGE followed by western blot with 10106-1-AP (PRPF3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-PRPF3 (IP:10106-1-AP, 5ug; Detection:10106-1-AP 1:500) with mouse liver tissue lysate 4000ug.