

Allgemeine Informationen

Katalog-Nr.:
10106-1-AP

Größe:
150ul , Konzentration: 900 µg/ml von Nanodrop und 300 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG0154

GenBank-Zugangsnummer:
BC000184

GeneID (NCBI):
9129

Vollständiger Name:
PRP3 pre-mRNA processing factor 3 homolog (*S. cerevisiae*)

Berechnete Masse:
78 kDa

Beobachtete Masse:
90 kDa, 78 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000
IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB

Anwendungen

Geprüfte Anwendungen:

IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human

Positivkontrollen:

WB : Y79-Zellen, HepG2-Zellen, L02-Zellen, Maushirngewebe, Mauslebergewebe

IP : Mauslebergewebe,

Hintergrundinformationen

The pre-mRNA splicing occurs in spliceosomes, 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)

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

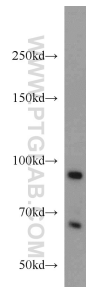
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

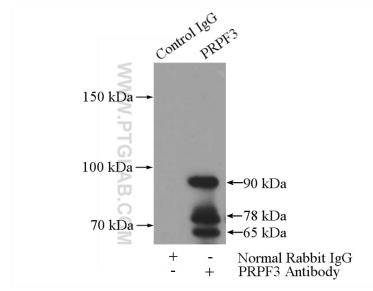
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



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.