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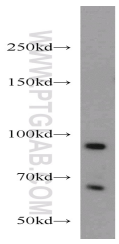
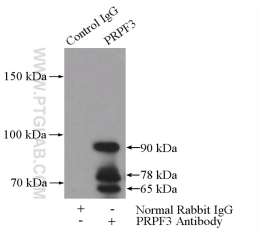
PRPF3 Polyclonal Antibody

Catalog number: 10106-1-AP
Size: 45 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
PRPF3; HPRP3, HPRP3P, Pre mRNA splicing factor 3, PRP3, Prp3p, PRPF3, RP18, U4/U6 snRNP 90 kDa protein



Y79 cells were subjected to SDS PAGE followed by western blot with 10106-1-AP(PRPF3 antibody) at dilution of 1:1000



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

Background

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. Thi antibody is a rabbit polyclonal antibody raised against an internal region of human PRPF3.

Applications

Tested applications:	**ELISA, WB, IP**
Cited applications:	**WB**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Cited species:	**Human**
Caculated PRPF3 MW:	**78 kDa**
Observed PRPF3 MW:	**90 kDa or 78 kDa**
Positive WB detected in	**Y79 cells, HepG2 cells, L02 cells, mouse brain tissue, mouse liver tissue**
Positive IP detected in	**Mouse liver tissue**
Recommended dilution:	**WB: 1:500-1:5000**
	IP: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag0154**
GenBank accession number:	**BC000184**
Gene ID (NCBI):	**9129**
Full name:	**PRP3 pre-mRNA processing factor 3 homolog (S. cerevisiae)**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**