

## PRPF4 Polyclonal Antibody

Catalog number: 10728-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

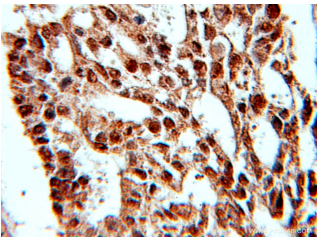
Synonyms:

PRPF4; HPRP4, HPRP4P, PRP4,

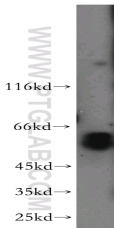
PRP4 homolog, Prp4p, PRPF4,

U4/U6 snRNP 60 kDa protein,

WD splicing factor Prp4



Immunohistochemical of paraffin-embedded human ovary tumor using 10728-1-AP (PRPF4 antibody) at dilution of 1:10 (under 10x lens)



Raji cells were subjected to SDS PAGE followed by western blot with 10728-1-AP (PRPF4 antibody) at dilution of 1:500

### Background

PRPF4, also named as U4/U6 small nuclear ribonucleoprotein Prp4, is a 522 amino acid protein, which contains seven WD repeats. PRPF4 localizes in the Nucleus speckle. PRPF4 participates in pre-mRNA splicing and is a part of the U4/U5/U6 tri-snRNP complex, one of the building blocks of the spliceosome. PRPF4-mediated phosphorylation of KLF13 plays a role in the regulation of CCL5 expression in T lymphocytes

### Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated PRPF4 MW:	58 kDa
Observed PRPF4 MW:	58kd
Positive WB detected in	Raji cells
Positive IHC detected in	Human ovary tumor tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:10-1:100

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

### Immunogen information

Immunogen:	Ag1193
GenBank accession number:	BC001588
Gene ID (NCBI):	9128
Full name:	PRP4 pre-mRNA processing factor 4 homolog (yeast)

### Product information

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