

For Research Use Only

PRPF4 Polyclonal antibody

Catalog Number: 10728-1-AP

4 Publications



Basic Information

Catalog Number:

10728-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1193

GenBank Accession Number:

BC001588

GeneID (NCBI):

9128

UNIPROT ID:

O43172

Full Name:

PRP4 pre-mRNA processing factor 4 homolog (yeast)

Calculated MW:

58 kDa

Observed MW:

58 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:10-1:100

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, Raji cells, HEK-293 cells, HepG2 cells, K-562 cells

IHC : human ovary tumor tissue,

Background Information

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

Notable Publications

Author	Pubmed ID	Journal	Application
Tanackovic Goranka G	21378395	Hum Mol Genet	WB
Huabin Yin	39368483	Cell Rep Med	WB
Bangming Jin	37395406	Nucleic Acids Res	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

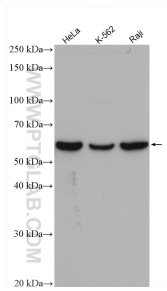
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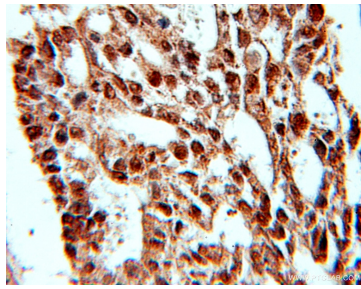
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10728-1-AP (PRPF4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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