

Product Name: PRPF18 Rabbit Polyclonal Antibody**Catalog #: APRab16545**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
Molecular Weight	40kDa

Antigen Information

Gene Name	PRPF18
Alternative Names	PRPF18; HPRP18; Pre-mRNA-splicing factor 18; PRP18 homolog; hPRP18
Gene ID	8559.0
SwissProt ID	Q99633
Immunogen	The antiserum was produced against synthesized peptide derived from human PRPF18. AA range:182-231

Background

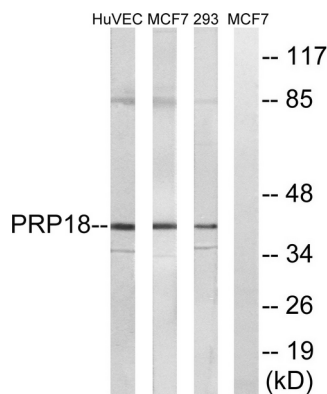
Pre-mRNA splicing occurs in 2 sequential transesterification steps. The protein encoded by this gene is found to be essential for

the catalytic step II in pre-mRNA splicing process. It is found in the spliceosome, and contains seven WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to the yeast splicing factor Prp18. [provided by RefSeq, Jul 2008],function:Participates in the second step of pre-mRNA splicing.,similarity:Belongs to the PRP18 family.,subcellular location:Colocalizes with spliceosomal snRNPs.,subunit:Heterodimer with PPIH. Interacts with PRPF4 and with the spliceosome. Part of a complex containing U4/U6 snRNPs.,

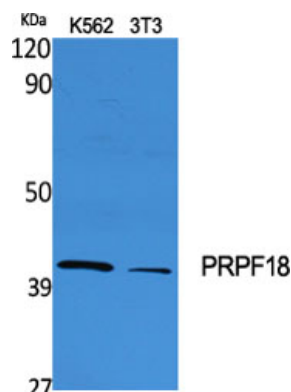
Research Area

Spliceosome;

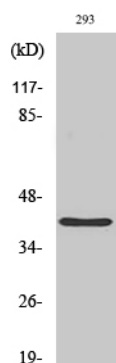
Image Data



Western blot analysis of lysates from 293, MCF-7, and HUVEC cells, using PRPF18 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using PRPF18 Polyclonal Antibody diluted at 1 : 500 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .



Western Blot analysis of HuvEc cells using PRPF18 Polyclonal Antibody diluted at 1 : 500 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .