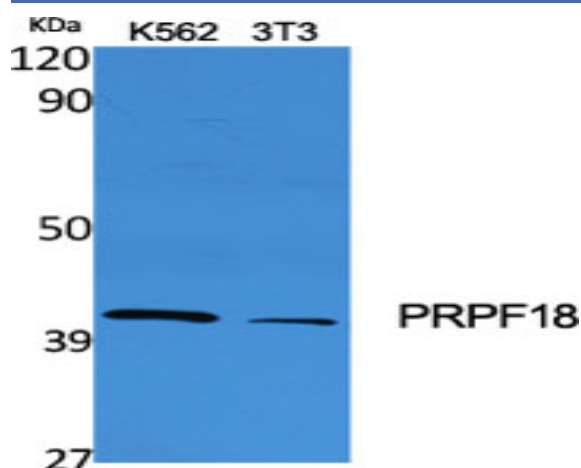


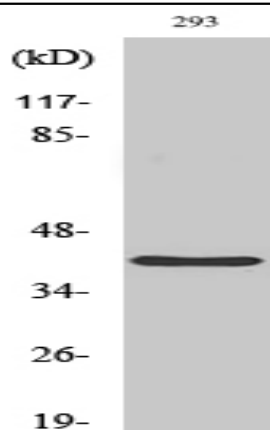
PRPF18 Polyclonal Antibody

Catalog No :	YT3866
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA;IHC
Target :	PRPF18
Fields :	>>Spliceosome
Gene Name :	PRPF18
Protein Name :	Pre-mRNA-splicing factor 18
Human Gene Id :	8559
Human Swiss Prot No :	Q99633
Mouse Gene Id :	67229
Mouse Swiss Prot No :	Q8BM39
Rat Gene Id :	171552
Rat Swiss Prot No :	Q9JKB8
Immunogen :	The antiserum was produced against synthesized peptide derived from human PRPF18. AA range:182-231
Specificity :	PRPF18 Polyclonal Antibody detects endogenous levels of PRPF18 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000

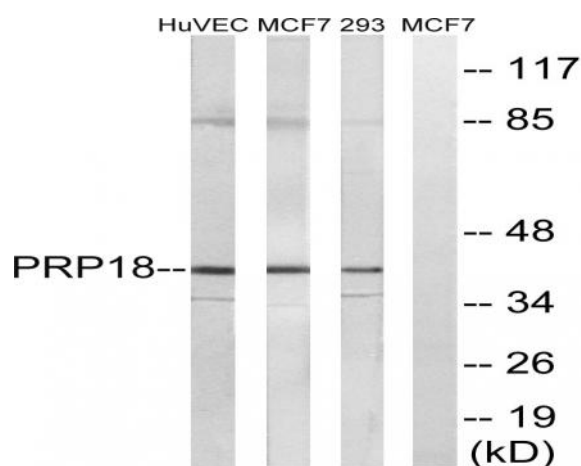
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	40kD
Cell Pathway :	Spliceosome;
Background :	Pre-mRNA splicing 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 :	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.,
Subcellular Location :	Nucleus speckle . Colocalizes with spliceosomal snRNPs. .
Expression :	Brain,Cervix carcinoma,Placenta,

Products Images

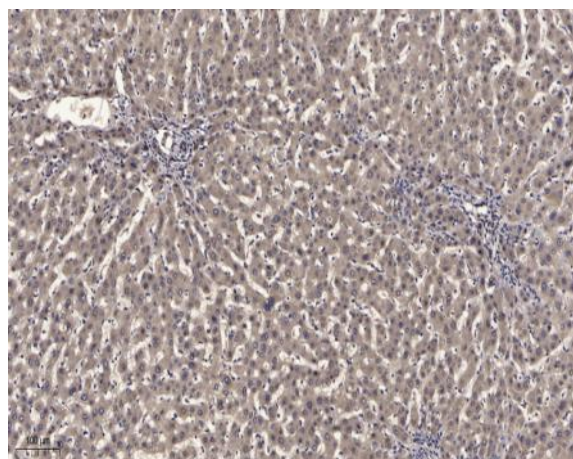




Western Blot analysis of HuvEc cells using PRPF18 Polyclonal Antibody diluted at 1:500 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



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.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).