

PRP18 homolog Rabbit pAb

Catalog # AP99984

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q99633
Other Accession	Q99633
Reactivity	Rat
Predicted	Pig, Human, Mouse, Rabbit, Zebrafish, Chicken, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39860
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PRP18 homolog
Epitope Specificity	281-342/342
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the PRP18 family.
SUBUNIT	Heterodimer with PPIH. Interacts with PRPF4 and with the spliceosome. Part of a complex containing U4/U6 snRNPs.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	8559
Other Names	PRP18; hPrp18; 2810441A10Rik; KCRF; Pprf18; PRP18_BOVIN; PRPF18; PRP18 homolog; PRP18_HUMAN; PRP18 homolog (hPRP18); PRP18_MOUSE; PRP18_RAT; Potassium channel regulatory factor; pre-mRNA processing factor 18; PRP18 pre-mRNA processing factor 18 homolog (yeast); PRP18 pre-mRNA processing factor 18 homolog (S. cerevisiae)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	PRPF18
Synonyms	HPRP18
Function	Participates in the second step of pre-mRNA splicing.
Cellular Location	Nucleus speckle. Note=Colocalizes with spliceosomal snRNPs.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.