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PRPF38A Rabbit pAb

Catalog # AP99531

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q8NAV1
Other Accession	Q8NAV1
Predicted	Rat, Pig, Orangutan, Gorilla, Human, Mouse, Rabbit, Zebrafish, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37477
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PRPF38A
Epitope Specificity	101-200/312
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 PRP38 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	HPRP18 is a 342 amino acid protein that localizes to nuclear speckles and plays a role in the second step of pre-mRNA splicing. A member of the PRP18 family, PRPF18 contains seven WD repeats and exists as two alternatively spliced isoforms which are encoded by a gene located on human chromosome 10p13. Chromosome 10 contains over 800 genes and 135 million nucleotides. PTEN is an important tumor suppressor gene located on chromosome 10 and, when defective, causes a genetic predisposition to cancer development known as Cowden syndrome. Other chromosome 10 associated disorders include Cockayne syndrome, tetrahydrobiopterin deficiency and trisomy 10.

Additional Information

Gene ID	84950
Other Names	CK820_G0010623; PRP38A; Prp38; 2410002M20Rik; CR201_G0020995; XELAEV_18025280mg; prpf38a; PR38A_BOVIN; PR38A_HUMAN; PR38A_MOUSE; PR38A_PONAB; PR38A_XENLA; PR38A_XENTR; pre-mRNA processing factor 38A; PRP38 pre-mRNA processing factor 38 (yeast) domain containing A
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	PRPF38A
Function	Involved in pre-mRNA splicing as a component of the spliceosome.
Cellular Location	Nucleus.

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