

PRPF8 Rabbit mAb

Catalog # AP77987

Product Information

Application	WB, IHC-P, IF, FC, ICC
Primary Accession	Q6P2Q9
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human PRPF8
Purification	Affinity Chromatography
Calculated MW	273600

Additional Information

Gene ID	10594
Other Names	PRPF8
Dilution	WB~1/500-1/1000 IHC-P~N/A IF~1:50~200 FC~1:10~50 ICC~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	PRPF8
Synonyms	PRPC8
Function	Plays a role in pre-mRNA splicing as core component of precatalytic, catalytic and postcatalytic spliceosomal complexes, both of the predominant U2-type spliceosome and the minor U12-type spliceosome (PubMed: 10411133 , PubMed: 11971955 , PubMed: 28076346 , PubMed: 28502770 , PubMed: 28781166 , PubMed: 29301961 , PubMed: 29360106 , PubMed: 29361316 , PubMed: 30315277 , PubMed: 30705154 , PubMed: 30728453). Functions as a scaffold that mediates the ordered assembly of spliceosomal proteins and snRNAs. Required for the assembly of the U4/U6-U5 tri-snRNP complex, a building block of the spliceosome. Functions as a scaffold that positions spliceosomal U2, U5 and U6 snRNAs at splice sites on pre-mRNA substrates, so that splicing can occur. Interacts with both the 5' and the 3' splice site.

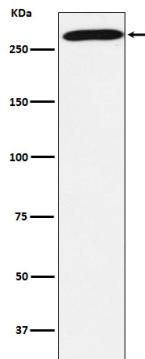
Cellular Location

Nucleus. Nucleus speckle

Tissue Location

Widely expressed..

Images



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