

PRPF8 Antibody
Rabbit mAb
Catalog # AP91792**Specification****PRPF8 Antibody - Product Information**

Application	WB, IHC, FC, ICC
Primary Accession	Q6P2Q9
Reactivity	Rat
Clonality	Monoclonal

Other Names

HPRP8; p220; PRP8; PRPC8; Prpf8; RP13; SNRNP220;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	273600 Da

PRPF8 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PRPF8
Description	Central component of the spliceosome, which may play a role in aligning the pre-mRNA 5'- and 3'-exons for ligation. Interacts with U5 snRNA, and with pre-mRNA 5'-splice sites in B spliceosomes and 3'-splice sites in C spliceosomes.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

PRPF8 Antibody - 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:<a href="http://www.uniprot.org/citations/11971955"

target="_blank">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

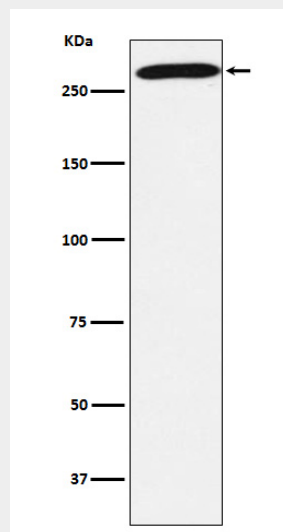
Widely expressed..

PRPF8 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PRPF8 Antibody - Images



Western blot analysis of PRPF8 expression in 293T cell lysate.