

PRPF8 Antibody

Rabbit mAb

Catalog # AP91792

Product Information

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|--------------------------|--|
| Application | WB, IHC, IF, FC, ICC, IHF |
| Primary Accession | Q6P2Q9 |
| Reactivity | Rat, Human, Mouse |
| Clonality | Monoclonal |
| Other Names | HPRP8; p220; PRP8; PRPC8; Prpf8; RP13; SNRNP220; |
| Isotype | Rabbit IgG |
| Host | Rabbit |
| Calculated MW | 273600 |

Additional Information

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|-------------------------------------|---|
| Dilution | WB 1:1000~1:5000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:100 |
| 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. |

Protein Information

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|-----------------|--|
| 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. |

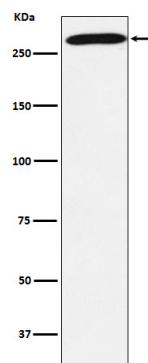
Cellular Location

Nucleus. Nucleus speckle

Tissue Location

Widely expressed..

Images



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

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