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PRPF31 Rabbit mAb

Catalog # AP76791

Product Information

Application	WB, FC
Primary Accession	Q8WWY3
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	55456

Additional Information

Gene ID	26121
Other Names	PRPF31
Dilution	WB~~1:1000 FC~~1:10~50
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	PRPF31 (HGNC:15446)
Synonyms	PRP31
Function	Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11867543, PubMed:20118938, PubMed:28781166). Required for the assembly of the U4/U5/U6 tri-snRNP complex, one of the building blocks of the spliceosome (PubMed:11867543).
Cellular Location	Nucleus. Nucleus speckle. Nucleus, Cajal body. Note=Predominantly found in speckles and in Cajal bodies.
Tissue Location	Ubiquitously expressed.

Background

PRPF31 is a component of the spliceosome complex. It is recruited to introns following the attachment of U4 and U6 RNAs and the 15. 5K protein. The addition of PRPF31 is crucial for the transition of the spliceosomal complex to the activated state.

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