10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PRPF8 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21455b

Product Information

Application	WB, E
Primary Accession	Q6P2Q9
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB49150
Calculated MW	273600

Additional Information

Gene ID	10594
Other Names	Pre-mRNA-processing-splicing factor 8, 220 kDa U5 snRNP-specific protein, PRP8 homolog, Splicing factor Prp8, p220, PRPF8, PRPC8
Target/Specificity	This PRPF8 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 2239-2273 amino acids from the C-terminal region of human PRPF8.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PRPF8 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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..

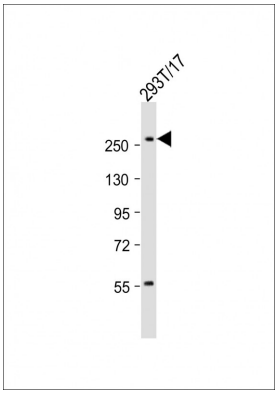
Background

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. Functions as 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.

References

Luo H.R.,et al.RNA 5:893-908(1999).
Shimada Y.,et al.Submitted (SEP-1997) to the EMBL/GenBank/DDBJ databases.
Bienvenut W.V.,et al.Submitted (DEC-2008) to UniProtKB.
Anderson G.J.,et al.Nature 342:819-821(1989).
Bach M.,et al.Proc. Natl. Acad. Sci. U.S.A. 86:6038-6042(1989).

Images



Anti-PRPF8 Antibody (C-term)at 1:2000 dilution + 293T/17 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 274 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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