

PRPF8 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21455b

Product Information

Application	WB, E
Primary Accession	Q6P2Q9
Reactivity	Human, Mouse
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..

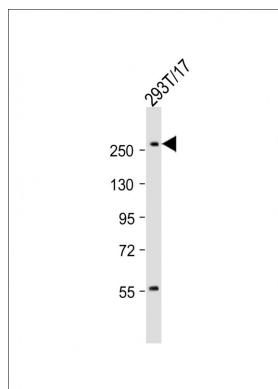
Background

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'.