

PRPF6 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP16097b

Product Information

Application	WB, E
Primary Accession	O94906
Other Accession	NP_036601.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32082
Calculated MW	106925
Antigen Region	807-836

Additional Information

Gene ID	24148
Other Names	Pre-mRNA-processing factor 6, Androgen receptor N-terminal domain-transactivating protein 1, ANT-1, PRP6 homolog, U5 snRNP-associated 102 kDa protein, U5-102 kDa protein, PRPF6, C20orf14
Target/Specificity	This PRPF6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 807-836 amino acids from the C-terminal region of human PRPF6.
Dilution	WB~~1:1000 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	PRPF6 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PRPF6 (HGNC:15860)
Synonyms	C20orf14

Function	Involved in pre-mRNA splicing as component of the U4/U6-U5 tri-snRNP complex, one of the building blocks of the spliceosome (PubMed: 20118938 , PubMed: 21549338 , PubMed: 28781166). Enhances dihydrotestosterone-induced transactivation activity of AR, as well as dexamethasone-induced transactivation activity of NR3C1, but does not affect estrogen-induced transactivation.
Cellular Location	Nucleus, nucleoplasm. Nucleus speckle. Note=Localized in splicing speckles.
Tissue Location	Widely expressed..

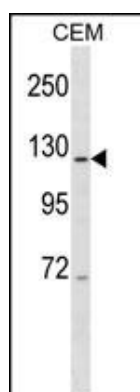
Background

PRPF6 is involved in pre-mRNA splicing. May act in the tri-snRNP complex as a bridging factor between U5 and U4/U6 snRNPs in the late step of spliceosome assembly. May be necessary for tri-snRNP formation.

References

Davila, S., et al. Genes Immun. 11(3):232-238(2010) Schneider, M., et al. Nat. Struct. Mol. Biol. 17(2):216-221(2010) Su, L., et al. J. Huazhong Univ. Sci. Technol. Med. Sci. 28(1):97-101(2008) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) : Fan, S., et al. Biochem. Biophys. Res. Commun. 341(1):192-201(2006)

Images



PRPF6 Antibody (C-term) (Cat. #AP16097b) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the PRPF6 antibody detected the PRPF6 protein (arrow).

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