

PRPF6 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20777a

Product Information

Application	WB, E
Primary Accession	O94906
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB49648
Calculated MW	106925

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 a rabbit immunized with a KLH conjugated synthetic peptide between 196-229 amino acids from the N-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 (N-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..

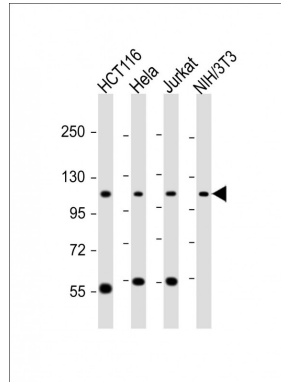
Background

Involved in pre-mRNA splicing as component of the U4/U6- U5 tri-snRNP complex, one of the building blocks of the spliceosome. Enhances dihydrotestosterone-induced transactivation activity of AR, as well as dexamethasone-induced transactivation activity of NR3C1, but does not affect estrogen-induced transactivation.

References

Nishikimi A.,et al.Biochim. Biophys. Acta 1435:147-152(1999).
Makarov E.M.,et al.J. Mol. Biol. 298:567-575(2000).
Yuryev A.,et al.Mol. Cell. Biol. 20:4870-4878(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Images



All lanes : Anti-PRPF6 Antibody (N-term) at 1:6000 dilution
Lane 1: HCT116 whole cell lysate Lane 2: HeLa whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 107 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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