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PRPF6 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20777a

Product Information

Application	WB, E
Primary Accession	O94906
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit, Chicken
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..

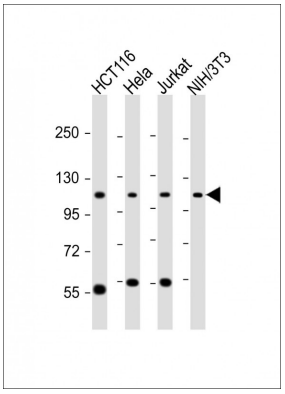
Background

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).
Deloukas P.,et al.Nature 414:865-871(2001).

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: Jurka twhole 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'.