



PRP6 Polyclonal Antibody

Catalog No	YP-Ab-01959
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;WB;ELISA
Gene Name	PRPF6
Protein Name	Pre-mRNA-processing factor 6
Immunogen	The antiserum was produced against synthesized peptide derived from human PRPF6. AA range:747-796
Specificity	PRP6 Polyclonal Antibody detects endogenous levels of PRP6 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PRPF6; C20orf14; 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
Observed Band	110kD
Cell Pathway	Nucleus, nucleoplasm . Nucleus speckle . Localized in splicing speckles. .
Tissue Specificity	Widely expressed.
Function	function: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..similarity:Contains 9 HAT repeats..subunit:Associates with the U5 snRNP particle (containing the 40 kDa, 52 kDa, 116 kDa, 200 kDa and 220 kDa proteins) probably via interaction(s) with the 220 kDa and/or other proteins. Associates with U4/U6 snRNP particle (containing the 15.5 kDa, 20 kDa/60kDa/90kDa heteromer, LSm proteins LSm2-8, 61 kDa and Sm proteins). Interacts with ARAF1. Identified in the spliceosome C complex, at least composed of AQR, ASCC3L1, C19orf29, CDC40, CDC5L, CRNKL1, DDX23, DDX41, DDX48, DDX5, DGCR14, DHX35, DHX38, DHX8, EFTUD2, FRG1, GPATC1, HNRPA1, HNRPA2B1, HNRPA3, HNRPC, HNRPF, HNRPH1, HNRPK, HNRPM, HNRPR, HNRPU, KIAA1160, KIAA1604, LSM2, LSM3, MAGOH, MORG1, PABPC1



Background

The protein encoded by this gene appears to be involved in pre-mRNA splicing, possibly acting as a bridging factor between U5 and U4/U6 snRNPs in formation of the spliceosome. The encoded protein also can bind androgen receptor, providing a link between transcriptional activation and splicing. [provided by RefSeq, Jul 2008],

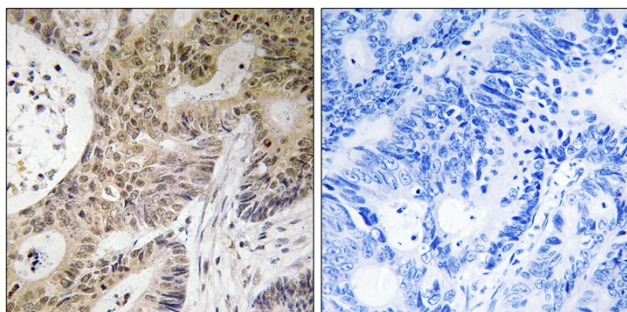
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using PRPF6 Antibody. The picture on the right is blocked with the synthesized peptide.