



# PRP6 Polyclonal Antibody

<b>Catalog No</b>	BYab-01959
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	IHC;IF;WB;ELISA
<b>Gene Name</b>	PRPF6
<b>Protein Name</b>	Pre-mRNA-processing factor 6
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PRPF6. AA range:747-796
<b>Specificity</b>	PRP6 Polyclonal Antibody detects endogenous levels of PRP6 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	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
<b>Observed Band</b>	110kD
<b>Cell Pathway</b>	Nucleus, nucleoplasm . Nucleus speckle . Localized in splicing speckles. .
<b>Tissue Specificity</b>	Widely expressed.
<b>Function</b>	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,

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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],

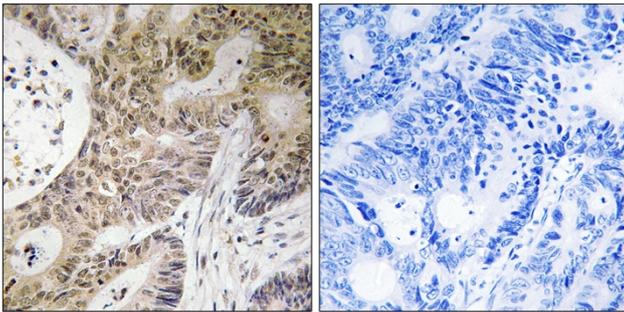
**matters needing attention**

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.