

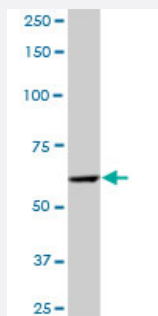
MaxPab®

PRPF4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009128-B01P

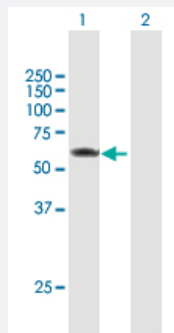
Size 50 ug

Applications



Western Blot (Tissue lysate)

PRPF4 MaxPab polyclonal antibody. Western Blot analysis of PRPF4 expression in human spleen.

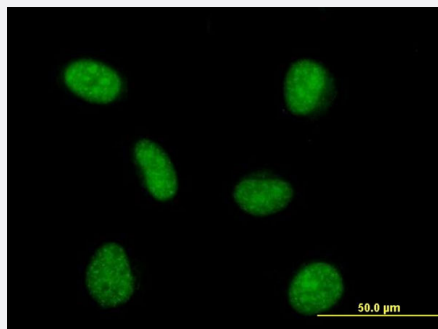


Western Blot (Transfected lysate)

Western Blot analysis of PRPF4 expression in transfected 293T cell line by PRPF4 MaxPab polyclonal antibody.

Lane 1: PRPF4 transfected lysate(57.42 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PRPF4 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PRPF4 protein.

Immunogen	PRPF4 (NP_004688, 1 a.a. ~ 522 a.a) full-length human protein.
Sequence	MASSRASSTQATKTKAPDDLVPVVKKPHIYGSLEEKERERLAKGESGILGKDGLKAGIEAGNINI TSGEVFEIEEHISERQAEVLAEFERRKRARQINVSTDDSEVKACLRALGEPITLFGEGPAERRERL RNILSVVGTDALKKTKKDDKSKKSKEEYQQTWYHEGPNSLKVARLWIANYS LPRAMKRLEEARL HKEIPETTRTSQMQLHKSRLN NFCSQIGDDRPISYCHFS PNSKMLATACWSGLCKLWSVPDC NLLHTLRGHNTNVGAIFHPKSTVSLDPKDVNLASCAADGSVKLWSLDSDEPVADIEGHTVRVAR VMWHPSGRFLGTTCYDRSWRLWDLEAQEEILHQEGHSMGVYDIAFHQDGS LAGTGGLDAFGRV WDLRTGRCIMFLEGLHKEYGINFSPNGYHIATGSGDNTCKVWDLRQRRVCYTIPAHQNLVTGVKF EPIHGNFLLTGAYDNTAKIWHTPGWSPLKTLAGHEGKVMGLDISSDGQLIATCSYDRTFKLWMAE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PRPF4 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — PRPF4

Entrez GeneID

[9128](#)

GeneBank Accession#	NM_004697
Protein Accession#	NP_004688
Gene Name	PRPF4
Gene Alias	HPRP4, HPRP4P, PRP4, Prp4p
Gene Description	PRP4 pre-mRNA processing factor 4 homolog (yeast)
Omim ID	607795
Gene Ontology	Hyperlink
Gene Summary	The removal of introns from nuclear pre-mRNAs occurs on complexes called spliceosomes, which are made up of 4 small nuclear ribonucleoprotein (snRNP) particles and an undefined number of transiently associated splicing factors. PRPF4 is 1 of several proteins that associate with U4 and U6 snRNPs.[supplied by OMIM]
Other Designations	OTTHUMP00000021947 PRP4 pre-mRNA processing factor 4 homolog PRP4/STK/WD splicing factor U4/U6 small nuclear ribonucleoprotein Prp4

Publication Reference

- [An integrative analysis of colon cancer identifies an essential function for PRPF6 in tumor growth.](#)

Adler AS, McClelland ML, Yee S, Yaylaoglu M, Hussain S, Cosino E, Quinones G, Modrusan Z, Seshagiri S, Torres E, Chopra VS, Haley B, Zhang Z, Blackwood EM, Singh M, Junttila M, Stephan JP, Liu J, Pau G, Fearon ER, Jiang Z, Firestein R.

Genes & Development 2014 May; 28(10):1068.

Application: WB, Human, COLO 678, HCA-7, HT55, SW948, SK-CO-1, CL-40, DLD-1, SW620, LS1034, C2BBel, RKO, KM-12, SW1463, HCT-15, SW1417, SW48, SW837 cells

- [PRPF mutations are associated with generalized defects in spliceosome formation and pre-mRNA splicing in patients with retinitis pigmentosa.](#)

Tanackovic G, Ransijn A, Thibault P, Abou Elela S, Klinck R, Berson EL, Chabot B, Rivolta C.

Hum Mol Genet 2011 Mar; 20:2116.

Application: WB-Ce, Human, RP-PRPF lymphoblasts