

Rabbit PRPF4 Polyclonal Antibody | anti-PRPF4 antibody

PRPF4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328705	Rabbit	Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken	Western Blot

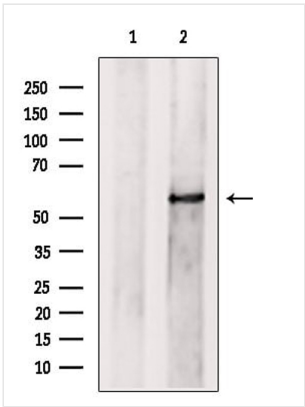
PRODUCT SYNONYMS

PRPF4; Polyclonal Antibody; PRPF4 Antibody; hPrp4; HPRP4P; PRP4; PRP4 homolog; PRP4 pre mRNA processing factor 4 homolog (yeast); PRP4/STK/WD splicing factor; PRP4_HUMAN; Prp4p; RP70; SNRNP60; U4/U6 small nuclear ribonucleoprotein Prp4; U4/U6 snRNP 60 kDa protein; WD splicing factor Prp4; anti-PRPF4 antibody

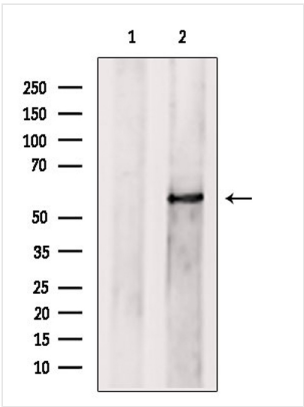
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Clonality	Polyclonal
Isotype	IgG
Specificity	PRPF4 Antibody detects endogenous levels of PRPF4.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	521
Applicable Applications for anti-PRPF4 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human PRPF4.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

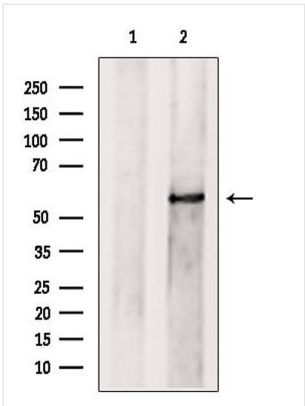
IMAGES



WB (Western Blot)
Western blot analysis of extracts from B16F10 cells, using PRPF4 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from Raji cells, using PRPF4 Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)
staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PRPF4 antibody	Description: Participates in pre-mRNA splicing. Part of the U4/U5/U6 tri-snRNP complex, one of the building blocks of the spliceosome.
	Subunit Structure: Interacts directly with PRPF18, PPIH and PRPF3. Part of a heteromeric complex containing PPIH, PRPF3 and PRPF4 that is stable in the absence of RNA. Component of the U4/U6-U5 tri-snRNP complex composed of the U4, U6 and U5 snRNAs and at least PRPF3, PRPF4, PRPF6, PRPF8, PRPF31, SNRNP200, TXNL4A, WDR57, SNRNP40, DDX23, CD2BP2, PPIH, SNU13, EFTUD2, SART1 and USP39.

NCBI AND UNIPROT INFORMATION

NCBI GI #	349732206
NCBI GeneID	9128
NCBI Accession #	NP_001231855
NCBI GenBank Nucleotide #	NP_001231855.1
UniProt Accession #	O43172

Molecular Weight	Observed: 58 kDa Predicted: 59 kDa
NCBI Official Full Name	U4/U6 small nuclear ribonucleoprotein Prp4 isoform 2
NCBI Official Synonym Full Names	pre-mRNA processing factor 4
NCBI Official Symbol	PRPF4
NCBI Official Synonym Symbols	PRP4; RP70; HPRP4; Prp4p; HPRP4P; SNRNP60
NCBI Protein Information	U4/U6 small nuclear ribonucleoprotein Prp4
UniProt Protein Name	U4/U6 small nuclear ribonucleoprotein Prp4
UniProt Gene Name	PRPF4
UniProt Synonym Gene Names	PRP4; hPrp4
UniProt Entry Name	PRP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prpf4-antibody-western-blot-elisa/328705>