

Rabbit PRPF31 Polyclonal Antibody | anti-PRPF31 antibody

PRPF31 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322600	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PRPF31; Polyclonal Antibody; PRPF31 Antibody; DKFZp566J153; hPrp 31; hPrp31; NY BR 99; Pre mRNA processing factor 31; Pre mRNA processing factor 31 homolog (yeast); Pre mRNA processing factor 31 homolog; Pre-mRNA-processing factor 31; Precursor mRNA-processing factor 31; S. cerevisiae; homolog of; Protein 61K; PRP 31; PRP31; PRP31 pre mRNA processing factor 31 homolog (yeast); PRP31 pre mRNA processing factor 31 homolog; PRP31_HUMAN; PRPF 31; prpf31; RP 11; RP11; Serologically defined breast cancer antigen NY BR 99; Serologically defined breast cancer antigen NY-BR-99; SNRNP61; U4/U6 small nuclear ribonucleoprotein Prp31; U4/U6 snRNP 61 kDa protein; anti-PRPF31 antibody

PRODUCT SPECIFICATIONS

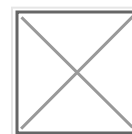
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	PRPF31 antibody detects endogenous levels of total PRPF31
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	499
Applicable Applications for anti-PRPF31 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PRPF31, corresponding to a region within the internal amino acids
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of PRPF31 using HeLa whole cell lysates



IF (Immunofluorescence)

AAA322600 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA322600 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-PRPF31 antibody	Function: Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11867543, PubMed:28781166). Required for the assembly of the U4/U5/U6 tri-snRNP complex, one of the building blocks of the spliceosome (PubMed:11867543).
	Similarity: Interacts with the snRNP via the Nop domain. The coiled coil domain is formed by two non-contiguous helices. Belongs to the PRP31 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	221136939
NCBI GeneID	26121
NCBI Accession #	NP_056444.3
NCBI GenBank Nucleotide #	NM_015629.3
UniProt Accession #	Q8WWY3; Q17RB4; Q8N7F9; Q9H271; Q9Y439; E7ESA8; F1T0A4; F1T0A5
Molecular Weight	Observed: 55 kDa Predicted: 56 kDa
NCBI Official Full Name	U4/U6 small nuclear ribonucleoprotein Prp31
NCBI Official Synonym Full Names	pre-mRNA processing factor 31
NCBI Official Symbol	PRPF31
NCBI Official Synonym Symbols	RP11; PRP31; SNRNP61; NY-BR-99
NCBI Protein Information	U4/U6 small nuclear ribonucleoprotein Prp31
UniProt Protein Name	U4/U6 small nuclear ribonucleoprotein Prp31
UniProt Gene Name	PRPF31
UniProt Synonym Gene Names	PRP31; Protein 61K; hPrp31

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/prpf31-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/322600>