

Rabbit anti-Human PRPF31 Polyclonal Antibody | anti-PRPF31 antibody

Rabbit anti-PRPF31 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212374	Rabbit	Human	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PRPF31; Polyclonal Antibody; Rabbit anti-PRPF31 Antibody; Affinity Purified; RP11; PRP31 pre-mRNA processing factor 31 homolog; U4/U6 snRNP 61 kDa protein; U4/U6 small nuclear ribonucleoprotein Prp31; SNRNP61; PRP31; hPrp31; protein 61K; Pre-mRNA-processing factor 31; NY-BR-99; serologically defined breast cancer antigen NY-BR-99; pre-mRNA processing factor 31; anti-PRPF31 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PRPF31 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Between 449 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human PRPF31 by western blot. Samples: Whole cell lysate from Jurkat (15 and 50 ug), HeLa (50ug), and HEK293T (50ug) cells. Antibodies: Affinity purified rabbit anti-PRPF31 antibody AAA212374 (lot AAA212374-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)

Detection of human PRPF31 by immunohistochemistry. Sample: FFPE section of human stomach carcinoma. Antibody: Affinity purified rabbit anti-PRPF31 (Cat. No. AAA212374 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-PRPF31 antibody	Pre-mRNA-processing factor 31 (PRPF31) is involved in pre-mRNA splicing and is required for U4/U6.U5 tri-snRNP formation. Defects in the PRPF31 gene are the cause of retinitis pigmentosa type 11 (RP11) [MIM:600138]. RP leads to degeneration of retinal photoreceptor cells. Patients typically have night vision blindness and loss of midperipheral visual field [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q8WWY3].
Product Categories/Family for anti-PRPF31 antibody	Primary Antibodies

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
Molecular Weight	54,909 Da
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
UniProt Entry Name	PRP31_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/prpf31-antibody-immunohistochemistry-western-blot-elisa/212374>