

PRPF31 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14542b

Specification

PRPF31 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q8WWY3
Other Accession	Q5U5C5 , Q8CCF0 , Q7SXM7 , NP_056444.3
Reactivity	Human
Predicted	Zebrafish, Mouse, Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	55456
Antigen Region	334-361

PRPF31 Antibody (C-term) - Additional Information

Gene ID 26121

Other Names

U4/U6 small nuclear ribonucleoprotein Prp31, Pre-mRNA-processing factor 31, Serologically defined breast cancer antigen NY-BR-99, U4/U6 snRNP 61 kDa protein, Protein 61K, hPrp31, PRPF31, PRP31

Target/Specificity

This PRPF31 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 334-361 amino acids from the C-terminal region of human PRPF31.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PRPF31 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PRPF31 Antibody (C-term) - Protein Information

Name PRPF31 ([HGNC:15446](#))

Synonyms PRP31

Function Involved in pre-mRNA splicing as component of the spliceosome (PubMed:[11867543](#), PubMed:[20118938](#), PubMed:[28781166](#)). Required for the assembly of the U4/U5/U6 tri-snRNP complex, one of the building blocks of the spliceosome (PubMed:[11867543](#)).

Cellular Location

Nucleus. Nucleus speckle. Nucleus, Cajal body. Note=Predominantly found in speckles and in Cajal bodies.

Tissue Location

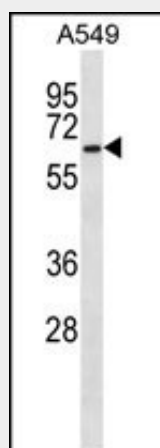
Ubiquitously expressed.

PRPF31 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PRPF31 Antibody (C-term) - Images



PRPF31 Antibody (C-term) (Cat. #AP14542b) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the PRPF31 antibody detected the PRPF31 protein (arrow).

PRPF31 Antibody (C-term) - Background

This gene encodes a component of the spliceosome complex and is one of several retinitis pigmentosa-causing genes. When the gene product is added to the spliceosome complex, activation occurs.

PRPF31 Antibody (C-term) - References

Schneider, M., et al. Nat. Struct. Mol. Biol. 17(2):216-221(2010)
Bujakowska, K., et al. Invest. Ophthalmol. Vis. Sci. 50(12):5927-5933(2009)
Potkin, S.G., et al. PLoS ONE 4 (8), E6501 (2009) :
Liu, S., et al. Science 316(5821):115-120(2007)
Sullivan, L.S., et al. Invest. Ophthalmol. Vis. Sci. 47(10):4579-4588(2006)