

Datasheet: VPA00580

Description:	RABBIT ANTI PRPF8
Specificity:	PRPF8
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid.

Preparation

Rabbit polyclonal antibody purified by affinity chromatography.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)
2% Sucrose.

Immunogen

Synthetic peptide directed towards the N terminal region of human PRPF8

**External Database
Links**

UniProt:

[Q6P2Q9](#)

[Related reagents](#)

Entrez Gene:

[10594](#)

PRPF8

[Related reagents](#)

Synonyms

PRPC8

Specificity

Rabbit anti Human PRPF8 antibody recognizes PRPF8 also known as pre-mRNA-processing-splicing factor 8, 220 kDa U5 snRNP-specific protein, PRP8 homolog, PRP8 pre-mRNA processing factor 8 homolog, apoptosis-regulated protein 1, apoptosis-regulated protein 2, or splicing factor Prp8.

Pre-mRNA splicing occurs in 2 sequential transesterification steps. The protein encoded by the PRPF8 gene is a component of both U2- and U12-dependent spliceosomes, and found to be essential for the catalytic step II in pre-mRNA splicing process. It contains several WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to yeast Prp8 protein (provided by RefSeq, Jul 2008). Mutations in the PRPF8 gene cause development of Retinitis pigmentosa 13 ([RP13](#)) characterized by retinal pigment deposits visible on fundus examination and primary loss of rod photoreceptor cells followed by secondary loss of cone photoreceptors ([van Lith-Verhoeven et al. 2002](#)).

Rabbit anti Human PRPF8 antibody detects a band of 250 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti PRPF8 detects a band of approximately 250 kDa in K562 cell lysates.

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee

12 months from date of despatch.

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

**Health And Safety
Information**

Material Safety Datasheet documentation #10045 available at:
<https://www.bio-rad-antibodies.com/SDS/VPA00580>
Antibody (10045)

Regulatory

For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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