Datasheet: VPA00331K

Description:	PRPF19 ANTIBODY WITH CONTROL LYSATE
Specificity:	PRPF19
Format:	Purified
Product Type:	PrecisionAb™ Polyclonal
Isotype:	Polyclonal IgG
Quantity:	10 Westerns

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

PrecisionAb antibodies have been extensively validated for the western blot application. The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Rat **N.B.** Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	100µl Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN_3)
Immunogen	KLH-conjugated synthetic peptide corresponding to aa 4-33 of human PRPF19
External Database Links	**UniProt:** Q9UMS4 Related reagents **Entrez Gene:** 27339 PRPF19 Related reagents
Synonyms	NMP200, PRP19, SNEV

Specificity	**Rabbit anti Human PRPF19 antibody** recognizes PRPF19, also known as PRP19/PSO4 homolog, PRP19/PSO4 pre-mRNA processing factor 19 homolog, nuclear matrix protein 200, nuclear matrix protein NMP200 related to splicing factor PRP19, psoralen 4 and senescence evasion factor. The PRPF19 gene is the human homolog of yeast Pso4, a gene essential for cell survival and DNA repair (Beck *et al.* 2008 PubMed 18263876, OMIM, Sep 2008). Rabbit anti Human PRPF19 antibody detects a band of 55 kDa. The antibody has been extensively validated for western blotting using whole cell lysates. This antibody is available with a positive control lysate, in a smaller trial size, and as a standalone antibody.
Western Blotting	Anti PRPF19 detects a band of approximately 55 kDa in K562 cell lysate
Instructions For Use	Please refer to the PrecisionAb western blotting protocol. For additional information on secondary antibody dilution and exposure time see product web page.
Lysate Composition	400µg K562 lysate lyophilized in RIPA buffer
Lysate Reconstitution	- If using DDT reconstitute the lyophilized lysate with 190µl DI H_2O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT. - If using BME reconstitute the lyophilized lysate with 180µl DI H_2O, add 200µl 2x Laemmli Sample Buffer and 20µl BME. Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.
Storage	Antibody: Store undiluted at -20^{o}C, avoiding repeated freeze thaw cycles. Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.
Shelf Life	As supplied, 12 months from date of despatch
Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories
Health And Safety Information	Material Safety Datasheet Documentation #10040 for antibody available at https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf Lysate Material Safety Datasheet Documentation #10561 available at https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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