

Datasheet: VPA00481

Description:	RABBIT ANTI RAP1A/B
Specificity:	RAP1A/B
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

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 N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 2% Sucrose
Immunogen	Synthetic peptide directed towards the N terminal region of human RAP1B
External Database Links	UniProt: P61224 Related reagents Entrez Gene: 5908 RAP1B Related reagents

Specificity	Rabbit anti Human RAP1A / RAP1B antibody recognizes the Ras-related protein Rap-1a and Ras-related protein Rap-1b, also known as GTP-binding protein smg p21B, RAS-related protein
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RAP1B, Ras family small GTP binding protein RAP1B, small GTP binding protein.

RAP1A/RAP1B encodes members of the RAS-like small GTP-binding protein superfamily. Members of this family regulate multiple cellular processes including cell adhesion and growth and differentiation. The RAP1A protein regulates signaling pathways that affect cell proliferation and adhesion, and may play a role in tumor malignancy. The RAP1B protein localizes to cellular membranes and has been shown to regulate integrin-mediated cell signaling. RAP1B also plays a role in regulating outside-in signaling in platelets. Alternate splicing of RAP1A and RAP1B have been known to produce multiple transcript variants. Pseudogenes of RAP1A have been defined on chromosomes 14 and 17 (provided by RefSeq, May 2014). Pseudogenes of RAP1B are found on chromosomes 3, 5, 6 and 9. (provided by RefSeq, Oct 2011).

Rabbit anti Human RAP1A/ RAP1B antibody detects a band of 26 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti RAP1A/B detects a band of approximately 26 kDa in HEK293 cell lysates
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.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
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 #10045 available at: Antibody (10045): https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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