

Datasheet: VPA00218

Description:	RABBIT ANTI RETINOBLASTOMA-BINDING PROTEIN 5
Specificity:	RETINOBLASTOMA-BINDING PROTEIN 5
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)
Immunogen	KLH conjugated synthetic peptide between 451-485 amino acids from the C-terminal region of human retinoblastoma-binding protein 5
External Database Links	<p>UniProt: Q15291 Related reagents</p> <p>Entrez Gene: 5929 RBBP5 Related reagents</p>
Synonyms	RBQ3

Specificity	<p>Rabbit anti Human retinoblastoma-binding protein 5 antibody recognizes retinoblastoma-binding protein 5 (RBBP-5), also known as SWD1, Set1c WD40 repeat protein, homolog and retinoblastoma-binding protein RBQ-3.</p> <p>Encoded by the RBBP5 gene, retinoblastoma-binding protein 5 is a ubiquitously expressed nuclear protein which belongs to a highly conserved subfamily of WD-repeat proteins. Retinoblastoma-binding protein 5 binds directly to retinoblastoma protein, which regulates cell proliferation. It interacts preferentially with the underphosphorylated retinoblastoma protein via the E1A-binding pocket B. Three alternatively spliced transcript variants that encode different protein isoforms have been described for RBBP5 (provided by RefSeq, Jul 2010).</p> <p>Rabbit anti Human retinoblastoma-binding protein 5 antibody detects a band of 67 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti retinoblastoma-binding protein 5 detects a band of approximately 67 kDa in K562 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 #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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