

## Datasheet: VPA00734

<b>Description:</b>	RABBIT ANTI ROCK2
<b>Specificity:</b>	ROCK2
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Mouse <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography on Protein A
<b>Buffer Solution</b>	HEPES buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide 1% Bovine Serum albumin <50% Glycerol
<b>Immunogen</b>	Synthetic peptide of human ROCK2
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">O75116</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">9475</a> ROCK2 <a href="#">Related reagents</a>

<b>Synonyms</b>	KIAA0619
<b>Specificity</b>	<p><b>Rabbit anti Human ROCK2 antibody</b> recognizes Rho-associated protein kinase 2, also known as p164 ROCK-2, or rho-associated coiled-coil-containing protein kinase II.</p> <p>The protein encoded by ROCK2 gene is a serine/threonine kinase that regulates cytokinesis, smooth muscle contraction, the formation of actin stress fibers and focal adhesions, and the activation of the c-fos serum response element. This protein, which is an isozyme of ROCK1 is a target for the small GTPase Rho (provided by RefSeq, Jul 2008).</p> <p>Rabbit anti Human ROCK2 antibody detects a band of 160 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Rabbit anti ROCK2 detects a band of approximately 160 kDa in HeLa cell lysates
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20359 available at: Antibody (20359): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/20359.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/20359.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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