

Datasheet: VPA00734

**BATCH NUMBER 161202**

<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.

### 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 on Protein A

### Buffer Solution

HEPES buffered saline

### Preservative Stabilisers

0.09% Sodium Azide  
1% Bovine Serum albumin

<50% Glycerol

---

**Immunogen** Synthetic peptide of human ROCK2

---

**External Database Links**

**UniProt:**

[O75116](#) [Related reagents](#)

**Entrez Gene:**

[9475](#) ROCK2 [Related reagents](#)

---

**Synonyms** KIAA0619

---

**Specificity** **Rabbit anti Human ROCK2 antibody** recognizes Rho-associated protein kinase 2, also known as p164 ROCK-2, or rho-associated coiled-coil-containing protein kinase II.

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).

Rabbit anti Human ROCK2 antibody detects a band of 160 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

---

**Western Blotting** Rabbit anti ROCK2 detects a band of approximately 160 kDa in HeLa 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 #20359 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00734>  
Antibody (20359)

---

**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](mailto: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](mailto: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](mailto:antibody_sales_de@bio-rad.com)

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

'M371008:200529'

