

## 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.

#### 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

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**External Database****Links****UniProt:**[O75116](#)   [Related reagents](#)**Entrez Gene:**[9475](#)   ROCK2   [Related reagents](#)

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**Synonyms**

KIAA0619

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**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.

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**Western Blotting**

Rabbit anti ROCK2 detects a band of approximately 160 kDa in HeLa cell lysates.

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**Storage**

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee**

12 months from date of despatch.

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**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information**

Material Safety Datasheet documentation #20359 available at:  
<https://www.bio-rad-antibodies.com/SDS/VPA00734>  
Antibody (20359)

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**Regulatory**

For research purposes only.

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## Related Products

### Recommended Secondary Antibodies

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

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

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