

## Datasheet: AHP1590

|                      |                               |
|----------------------|-------------------------------|
| <b>Description:</b>  | RABBIT ANTI RIP2 (N-TERMINAL) |
| <b>Specificity:</b>  | RIP2 (N-TERMINAL)             |
| <b>Other names:</b>  | RICK                          |
| <b>Format:</b>       | Purified                      |
| <b>Product Type:</b> | Polyclonal Antibody           |
| <b>Isotype:</b>      | Polyclonal IgG                |
| <b>Quantity:</b>     | 0.1 mg                        |

## 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 |
|--------------------------|-----|----|----------------|--------------------|
| Immunohistology - Frozen | ▪   |    |                | 10ug/ml            |
| Western Blotting         | ▪   |    |                | 0.5 - 1.0ug/ml     |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

|                                       |  |
|---------------------------------------|--|
| <b>Target Species</b>                 | Human  |
| <b>Species Cross Reactivity</b>       | Reacts with: Rat, Mouse<br><b>N.B.</b> Antibody reactivity and working conditions may vary between species.  |
| <b>Product Form</b>                   | Purified IgG - liquid  |
| <b>Antiserum Preparation</b>          | Antiserum to human RIP2 (NT) was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography. |
| <b>Buffer Solution</b>                | Phosphate buffered saline  |
| <b>Preservative Stabilisers</b>       | 0.02% Sodium Azide (NaN <sub>3</sub> )   |
| <b>Approx. Protein Concentrations</b> | IgG concentration 1 mg/ml  |
| <b>Immunogen</b>                      | A peptide corresponding to amino acids near the amino terminus of human RIP2.  |
| <b>External Database Links</b>        | <b>UniProt:</b><br><a href="#">O43353</a> <a href="#">Related reagents</a>   |

**Entrez Gene:**

[8767](#) RIPK2 [Related reagents](#)

---

|                 |                     |
|-----------------|---------------------|
| <b>Synonyms</b> | CARDIAK, RICK, RIP2 |
|-----------------|---------------------|

---

|                    |   |
|--------------------|---|
| <b>Specificity</b> | <p><b>Rabbit anti Human RIP2 antibody</b> recognizes Human Receptor-interacting serine/threonine-protein kinase 2, also known as RIP2, RIPK2, RIP-like-interacting CLARP kinase or CARD-containing interleukin-1 beta-converting enzyme-associated kinase. RIP2 is a 403 amino acid ~60 kDa cytoplasmic protein belonging to the protein kinase superfamily.</p> <p>RIP2 is a kinase that regulates TNF and Fas induced-apoptosis and is involved in the generation of the pro-inflammatory cytokine IL-1beta.</p> <p>Over expression of RIP2 has been shown to induce apoptosis, and the activation of NF-Kappa-B and JNK. RIP2 is widely expressed in a range of human tissues.</p> |
|--------------------|---|

---

|  |          |
|--|----------|
| <b>Histology Positive Control Tissue</b> | Placenta |
|--|----------|

---

|                         |  |
|-------------------------|--|
| <b>Western Blotting</b> | Rabbit anti Human RIP2 detects a band of approximately 60kDa in A431 cell lysates. |
|-------------------------|--|

---

|                        |  |
|------------------------|--|
| <b>Further Reading</b> | <ol style="list-style-type: none"><li>1. Inohara N., <i>et al</i> (1998) RICK, a novel protein kinase containing a caspase recruitment domain, interacts with CLARP and regulates CD95-mediated apoptosis. <a href="#">J Biol Chem. 273:12296-300.</a></li><li>2. McCarthy J.V., <i>et al</i> (1998) RIP2 is a novel NF-kappaB-activating and cell death-inducing kinase. <a href="#">J Biol Chem. 273:16968-75.</a></li><li>3. Thome M., <i>et al</i> (1998) Identification of CARDIAK, a RIP-like kinase that associates with caspase-1. <a href="#">Curr Biol. 8:885-8.</a></li></ol> |
|------------------------|--|

---

|                |  |
|----------------|--|
| <b>Storage</b> | <p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p> |
|----------------|--|

---

|                   |                                  |
|-------------------|----------------------------------|
| <b>Shelf Life</b> | 18 months from date of despatch. |
|-------------------|----------------------------------|

---

|                                      |  |
|--------------------------------------|--|
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10040 available at:<br>10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a> |
|--------------------------------------|--|

---

|                   |                            |
|-------------------|----------------------------|
| <b>Regulatory</b> | For research purposes only |
|-------------------|----------------------------|

---

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),  
[DyLight®680](#), [DyLight®800](#)

Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)

## Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

**North & South** Tel: +1 800 265 7376

**America** 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)

'M325673:180730'

**Printed on 23 Oct 2018**

---

© 2018 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)