

Datasheet: AHP1590

BATCH NUMBER 170807

Description:	RABBIT ANTI RIP2 (N-TERMINAL)
Specificity:	RIP2 (N-TERMINAL)
Other names:	RICK
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species

Human

Species Cross Reactivity

Reacts with: Rat, 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

Antiserum Preparation

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.

Buffer Solution

Phosphate buffered saline

Preservative

0.02% Sodium Azide (NaN₃)

Stabilisers

Approx. Protein Concentrations IgG concentration 1 mg/ml

Immunogen A peptide corresponding to amino acids near the amino terminus of human RIP2.

External Database Links

UniProt:

[O43353](#) [Related reagents](#)

Entrez Gene:

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

Synonyms CARDIAK, RICK, RIP2

RRID AB_2178253

Specificity

Rabbit anti Human RIP2 antibody 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.

RIP2 is a kinase that regulates TNF and Fas induced-apoptosis and is involved in the generation of the pro-inflammatory cytokine IL-1beta.

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.

Histology Positive Control Tissue

Placenta

Western Blotting Rabbit anti Human RIP2 detects a band of approximately 60kDa in A431 cell lysates.

Further Reading

1. Inohara N., *et al* (1998) RICK, a novel protein kinase containing a caspase recruitment domain, interacts with CLARP and regulates CD95-mediated apoptosis. [J Biol Chem. 273:12296-300.](#)
 2. McCarthy J.V., *et al* (1998) RIP2 is a novel NF-kappaB-activating and cell death-inducing kinase. [J Biol Chem. 273:16968-75.](#)
 3. Thome M., *et al* (1998) Identification of CARDIAK, a RIP-like kinase that associates with caspase-1. [Curr Biol. 8:885-8.](#)
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Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

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.

Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/AHP1590 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Recommended Useful Reagents

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

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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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