Datasheet for ABIN6990459

# anti-RIPK1 antibody (C-Term)

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## Overview

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| Quantity: | 0.1 mg |
| Target: | RIPK1 |
| Binding Specificity: | AA 600-650, C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RIPK1 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

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| Immunogen: | RIPK1 antibody was raised against a 14 amino acid peptide near the carboxy terminus of human RIP1. The immunogen is located within amino acids 600 - 650 of RIPK1. |
| Isotype: | IgG |
| Purification: | RIPK1 Antibody is affinity chromatography purified via peptide column. |

## Target Details

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| Target: | RIPK1 |
| Alternative Name: | RIPK1 (RIPK1 Products) |
| Background: | RIP1 Antibody: RIP1 (Receptor Interacting Protein), also known as RIPK1, is a crucial 74 kD adaptor kinase in several of stress-induced signaling pathways and on the crossroad of a cell's decision to live or die. RIP1 contains an N-terminal region with homology to protein kinases, an |

## Target Details

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| | intermediate domain capable of association with MAPKKK and a C-terminal region containing a death domain motif present in the Fas and TNFR1 intracellular domains. Full length RIP1 is important for signallling to NF-kappa-B, MAPKs and necrosis, whereas caspase-8 generates a C-terminal RIP1 cleavage fragment, promoting TNF-induced apoptosis. It is required for TNFRSF1A-mediated and TLR3-induced NF-kappa-B activation. RIP1-deficient mice fail to thrive, displaying extensive apoptosis in both lymphoid and adipose tissues and dying at 1-3 days of age. |
| Molecular Weight: | Predicted: 74 kDa |
| Gene ID: | 8737 |
| NCBI Accession: | NP_003795 |
| UniProt: | Q13546 |
| Pathways: | NF-kappaB Signaling, Apoptosis, Caspase Cascade in Apoptosis, TLR Signaling, Activation of Innate immune Response, Inositol Metabolic Process, Positive Regulation of Endopeptidase Activity, Hepatitis C, Protein targeting to Nucleus, Toll-Like Receptors Cascades, Negative Regulation of intrinsic apoptotic Signaling, SARS-CoV-2 Protein Interactome, Ubiquitin Proteasome Pathway |

## Application Details

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| Application Notes: | RIPK1 antibody can be used for detection of RIP1 by immunohistochemistry at 5 - 10 µg/mL.<br><br>Antibody validated: Immunohistochemistry in human samples. All other applications and species not yet tested. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | RIPK1 Antibody is supplied in PBS containing 0.02 % sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Handling

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| Storage: | -20 °C,4 °C |
| Storage Comment: | RIPK1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. |