

Datasheet for ABIN5690230
anti-RIPK1 antibody (AA 600-650)



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Overview

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

Product Details

Immunogen:	RIP1 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 RIP1.
Isotype:	IgG
Purification:	RIP1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	RIPK1
Alternative Name:	RIP1 (RIPK1 Products)
Background:	RIP1 Antibody: RIP1 (Receptor Interacting Protein), also known as RIPK1, is a crucial 74 kD

Target Details

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 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 signalling 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

Application Notes: RIP1 antibody can be used for detection of RIP1 by immunohistochemistry at 5 - 10 µg/mL.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: RIP1 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.

Storage: 4 °C, -20 °C

Handling

Storage Comment: RIP1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.