

Datasheet for ABIN6990325
anti-MPRIP antibody (C-Term)[Go to Product page](#)

1 Publication

Overview

Quantity:	0.1 mg
Target:	MPRIP
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MPRIP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Anti-RIP3 antibody was raised against a peptide corresponding to 14 amino acids near the carboxy terminus of murine RIP3. The immunogen is located within the last 50 amino acids of RIP3.
Isotype:	IgG
Purification:	RIP3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	MPRIP
Alternative Name:	RIP3 (MPRIP Products)
Background:	RIP3 Antibody: Certain serine/threonine protein kinases, such as ASK1, RIP, DAP, and ZIP

Target Details

kinases, are mediators of apoptosis. Receptor interacting proteins including RIP and RIP2/RICK mediate apoptosis induced by TNFR1 and Fas, two prototype members in the death receptor family. A novel member in the RIP kinase family was recently identified and designated RIP3. RIP3 contains N-terminal kinase domain but, unlike RIP or RIP2, lacks the C-terminal death or CARD domain. RIP3 binds to RIP and TNFR1, mediates TNFR1 induced apoptosis, and attenuates RIP and TNFR1 induced NF- κ B activation. Overexpression of RIP3 induces apoptosis and NF- κ B activation. The messenger RNA of RIP3 is expressed in a subset of adult tissues.

Molecular Weight:

Predicted: 53kD for mouse RIP3 and 57kD for human RIP3

Observed: 53kD for mouse RIP3 and 57kD for human RIP3 kDa

Gene ID:

56532

UniProt:

[Q9QZL0](#)

Application Details

Application Notes:

WB: 0.1-0.5 μ g/mL, IHC-P: 5 μ g/mL, IF: 20 μ g/mL, IP: 20 μ g/mL.

Antibody validated: Western Blot in mouse and human samples, Immunohistochemistry in mouse and rat samples, Immunofluorescence in mouse and rat samples, Immunoprecipitation in human samples, Immunogold EM in mouse samples. All other applications and species not yet tested.

Restrictions:

For Research Use only

Handling

Format:

Liquid

Concentration:

1 mg/mL

Buffer:

RIP3 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:

-20 °C, 4 °C

Handling

Storage Comment: RIP3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Publications

Product cited in: Wu, Chung, Cao, Jin, Edmiston, Hickman, Levy, Whalen, Abrams, Degterev, Lo, Tozzi, Kaplan, El Khoury, Whalen: "Genetic inhibition of RIPK3 ameliorates functional outcome in controlled cortical impact independent of necroptosis." in: **Cell death & disease**, Vol. 12, Issue 11, pp. 1064 , (2021) ([PubMed](#)).