Datasheet for ABIN3032495

anti-RIP2 antibody (C-Term)

2 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	RIP2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RIP2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	An amino acid sequence from the C-terminus of human RIP2 (DIQGEEFAKVIVQKLKDNKQ) was used as the immunogen for this RIP2 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	RIP2
Alternative Name:	RIP2 (RIP2 Products)
Background:	Receptor-interacting serine/threonine-protein kinase 2, also known as CARD3, CARDIAK, RICK, and RIP2, is an enzyme that in humans is encoded by the RIPK2 gene. It has 540-amino acid protein in length. Northern blot analysis revealed that RIPK2 is expressed in various human

Target Details

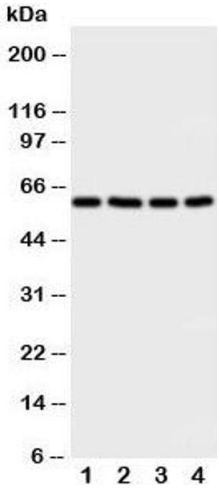
	tissues as 2.5- and 1.8-kb mRNAs that differ due to alternative polyadenylation. It is a novel kinase that may regulate apoptosis induced by the FAS receptor pathway. This gene encodes a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases. The encoded protein contains a C-terminalcaspase recruitment domain(CARD), and is a component of signaling complexes in both the innate and adaptive immune pathways. It is a potent activator of NF-kappa Band inducer of apoptosis in response to various stimuli, CARDIAK (CARD-containing ICE-associated kinase) specifically interacted with the CARD of ICE/caspase-1, and this interaction correlated with the processing of pro-caspase-1 and the formation of the active caspase-1 p20 subunit.
UniProt:	O43353
Pathways:	TCR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Immune Effector Process, Toll-Like Receptors Cascades

Application Details

Application Notes:	The stated application concentrations are suggested starting amounts. Titration of the RIP2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL
Restrictions:	For Research Use only

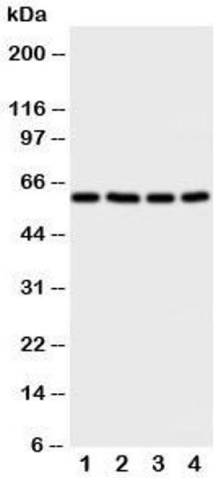
Handling

Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the RIP2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.



Western Blotting

Image 1. Western blot testing of RIP2 antibody and Lane 1: A549; 2: HeLa; 3: PANC; 4: COLO320 cell lysate. Predicted size: ~61KD



Western Blotting

Image 2. Western blot testing of RIP2 antibody and Lane 1: A549