

Basic Information

Product Name	Anti-RIP3/RIPK3 Antibody
Gene Name	RIPK3
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human
Tested Application	WB
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human RIP3.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	57 kDa
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt, -20°C as supplied.

Background Information

Receptor-interacting serine/threonine-protein kinase 3(RIPK3), also known as RIP3 is an enzyme that in humans is encoded by the RIPK3 gene. This gene is mapped to 14q12. The product of this gene is a member of the receptor-interacting protein(RIP) family of serine/threonine protein kinases, and contains a C-terminal domain unique from other RIP family members. The encoded protein is predominantly localized to the cytoplasm, and can undergo nucleocytoplasmic shuttling dependent on novel nuclear localization and export signals. It is a component of the tumor necrosis factor(TNF) receptor-I signaling complex, and can induce apoptosis and weakly activate the NF-kappaB transcription factor.

Reference

Anti-RIP3/RIPK3 Antibody被引用在3文献中。

Selected Validation Data



Western blot analysis of RIP3/RIPK3 using anti-RIP3/RIPK3 antibody (BA3486-2). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: PANC whole cell lysates,

Lane 2: SW620 whole cell lysates,

Lane 3: SKOV-3 whole cell lysates,

Lane 4: M231 whole cell lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-RIP3/RIPK3 antigen affinity purified polyclonal antibody (BA3486-2) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for RIP3/RIPK3 at approximately 57 kDa. The expected band size for RIP3/RIPK3 is at 57 kDa.