

Basic Information

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| Product Name | Anti-RIPK1 Antibody |
| Gene Name | RIPK1 |
| 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 | E.coli-derived human RIP recombinant protein (Position: K316-N671). Human RIP shares 65% amino acid (aa) sequence identity with mouse RIP. |
| Concentration | 500 ug/ml |
| Purification | Immunogen affinity purified. |
| Observed MW | 76 kDa |
| Dilution Ratios | Western blot (WB):1:500-2000 |

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

RIPK1, also known as RIP or RIP1, is an enzyme that in humans is encoded by the RIPK1 gene. It is mapped to 6p25.2. RIPK1 is a key signaling molecule in the programmed necrosis pathway, which plays important roles in development, tissue damage response, and antiviral immunity. RIPK1 is known to have function in a variety of cellular pathways including the NF-κB pathway and programmed necrotic cell death (necroptosis). The kinase domain, while important for necroptotic (programmed necrotic) functions, it appears dispensable for other lethal, as well as pro-survival roles. Also, proteolytic processing of RIPK1, through both caspase-dependent and -independent mechanisms, triggers lethality that is dependent on the generation of one or more specific C-terminal cleavage product(s) of RIPK1 upon stress.

Reference

Anti-RIPK1 Antibody被引用在5文献中。

Selected Validation Data

97KD —

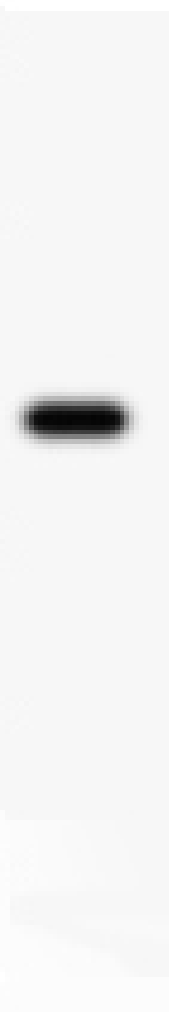
58KD —

40KD —

29KD —

20KD —

14KD —



Western blot analysis of RIPK1 using anti-RIPK1 antibody (PB0169).

Lane 1: recombinant human RIP protein 0.5ng.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti-RIPK1 antigen

affinity purified polyclonal antibody (PB0169) 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 RIPK1 at approximately 38 kDa.