

Phospho-RIPK1-S166 Rabbit pAb

Catalog No.: AP1115

4 Publications

Basic Information

Observed MW

82kDa

Calculated MW

75kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

Background

Enables protein homodimerization activity and protein serine/threonine kinase activity. Involved in several processes, including necroptotic signaling pathway; negative regulation of cardiac muscle cell proliferation; and regulation of signal transduction. Acts upstream of or within several processes, including positive regulation of I-kappaB kinase/NF-kappaB signaling; regulation of extrinsic apoptotic signaling pathway; and ripoptosome assembly involved in necroptotic process. Predicted to be located in several cellular components, including cytosol; membrane raft; and mitochondrion. Predicted to be part of death-inducing signaling complex; receptor complex; and ripoptosome. Is expressed in several structures, including central nervous system; heart; liver; lung; and tail. Human ortholog(s) of this gene implicated in immunodeficiency 57. Orthologous to human RIPK1 (receptor interacting serine/threonine kinase 1).

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

19766

Swiss Prot

Q60855

Immunogen

A synthetic phosphorylated peptide around S166 of mouse RIPK1 (NP_033094.3).

Synonyms

RIP; Rinp; Rip1; RIP-1; D330015H01Rik; Phospho-RIPK1-S166

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

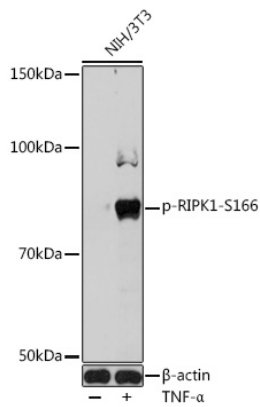
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-RIPK1-S166 Rabbit pAb (AP1115) at 1:1000 dilution. NIH/3T3 cells were treated by TNF-α (20 ng/mL) at 37°C for 30 minutes.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.