

Anti-Phospho-RIPK1 (Ser166) Rabbit pAb

Purified Rabbit Polyclonal Antibody

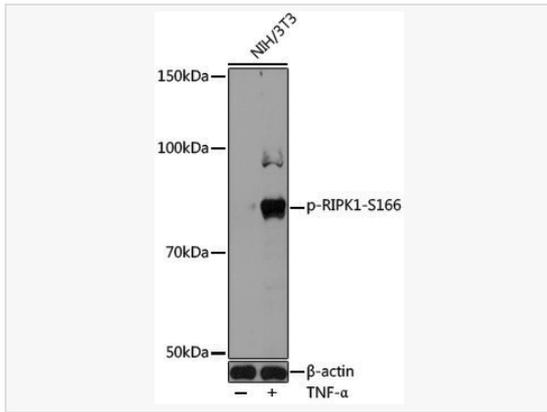
Catalog # P108957

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:2,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around S166 of mouse RIPK1 (NP_033094.3).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-RIPK1 (Ser166) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	RIP; Rinp; Rip1; RIP-1; D330015H01Rik; Phospho-RIPK1-S166.
Calculated MW	Calculated MW: 75 kDa; Observed MW: 82 kDa
Uniprot ID	Q60855
Gene ID	19766
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).



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-RIPK1-S166 Rabbit pAb (P108957) at 1:1,000 dilution. NIH/3T3 cells were treated by TNF- α (20 ng/mL) at 37°C for 30 minutes.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% BSA.

Detection: ECL Kit (SQ201).

Exposure time: 60s.