
RIPK1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254140

Unit: 0.1 mg

Description:

RIPK1 (Receptor Interacting Protein) is a crucial 74 kD adaptor kinase in several of stress-induced signaling pathways and on the crossroad of a cell's decision to live or die. RIPK1 contains an N-terminal region with homology to protein kinases, an intermediate domain capable of association with MAPKKK and a C-terminal region containing a death domain motif present in the Fas and TNFR1 intracellular domains. Full length RIPK1 is important for signalling to NF-kappa-B, MAPKs and necrosis, whereas caspase-8 generates a C-terminal RIPK1 cleavage fragment, promoting TNF-induced apoptosis. It is required for TNFRSF1A-mediated and TLR3-induced NF-kappaB activation. RIPK1-deficient mice fail to thrive, displaying extensive apoptosis in both lymphoid and adipose tissues and dying at 1-3 days of age.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: RIPK1; Receptor-interacting serine/threonine-protein kinase 1; RIP; RIP1

Accession No.: NP_003795

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human RIPK1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.