

RIPK2

Rabbit Anti-Human Receptor-Interacting Protein Kinase 2 Affinity Purified pAb

Catalog No. PX093A **Quantity:** 100 µg

Alternate Names: Receptor-interacting serine-threonine kinase 2, CARDIAK, RIP2, RICK

Description: Rabbit Anti-Human Receptor-Interacting Protein Kinase 2 (NT) Affinity Purified Polyclonal Antibody.

Apoptosis is mediated by death domain (DD) and/or caspase recruitment domain (CARD) containing molecules and a caspase family of proteases. DD-containing serine/threonine kinase RIP regulates Fas-induced apoptosis. A novel CARD-containing serine/threonine kinase was recently identified and designated RICK/RIP2/CARDIAK for RIP-like interacting CLARP kinase, receptor interacting protein-2, and CARD-containing ICE associated kinase, respectively. RICK contains an N-terminal kinase catalytic domain and a C-terminal CARD domain. Overexpression of RICK induced apoptosis and activation of NF-κB and JNK. RICK interacts with members of the TRAF family, CLARP and caspase-1. Thus, RICK represents a novel kinase that regulates TNF and Fas induced-apoptosis and that is involved in the generation of proinflammatory cytokine IL-1β. The messenger RNA of RICK is expressed in multiple human tissues.

Gene ID: 8767

UniProtKB: O43353

Specificity: Human RIPK2

Host: Rabbit

Immunogen: RIPK2 N-terminal peptide fragment

Isotype: IgG

Formulation: Liquid in PBS containing 0.02% sodium azide.

Purification: Affinity chromatography

Cross-Reactivity: Human, mouse and rat reactive

Applications: Western Blot, Immunocytochemistry

Application Notes: Western Blot: working dilution starting at 1 µg/mL.
A431 or K562 whole cell lysate can be used as positive control and an approximately 60 kDa band can be detected.
Immunocytochemistry: working dilution starting at 10 µg/mL.
The optimal concentration should be determined by the user for each specific application.

Storage & Stability:

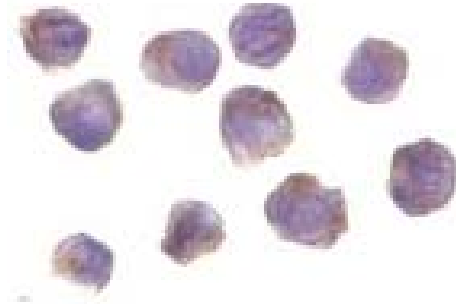
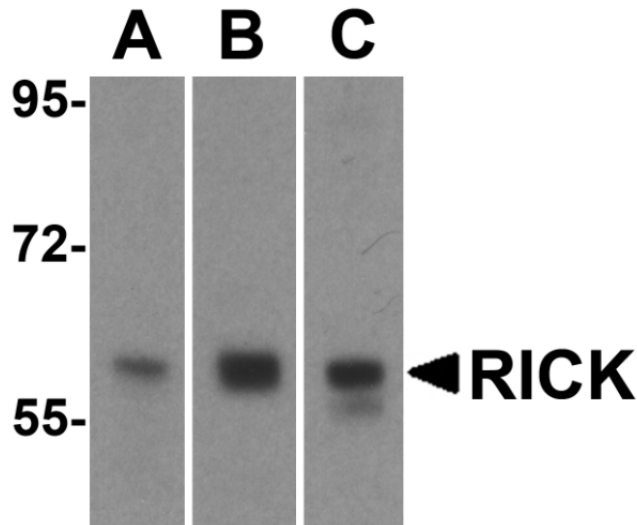


repeated freeze-thaw cycles.

Also available: Blocking peptide, Catalog No. PX093BP

Western blot analysis of RIPK2 in (A) HeLa, (B) K562, and (C) EL4 cell lysate with RIPK antibody at 1 $\mu\text{g}/\text{mL}$.

Immunohistochemistry of RIPK2 in A431 cells with RIPK2 antibody at 10 $\mu\text{g}/\text{mL}$.



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