Anti-RIP3 Antibody

ORDERING INFORMATION

Catalog No.: 2283
Size: 100ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

BACKGROUND

Serine/threonine protein kinases, such as ASK1, RIP, DAP and ZIP kinases, are mediators of apoptosis. Receptor interacting proteins, including RIP and RIP2/RICK mediate apoptosis induced by TNFR1 and Fas, two members of the family of death receptors. A novel member in the RIP kinase family has been identified and designated RIP3. RIP3 contains an N-terminal kinase domain, but, unlike RIP or RIP2, lacks the C-terminal death or CARD domain. RIP3 binds to RIP and TNFR1, mediates TNFR1-induced apoptosis, and attenuates RIP and TNFR1-induced NF-κB activation. The messenger RNA of RIP3 is found in some adult tissues.

SPECIFICATION SUMMARY

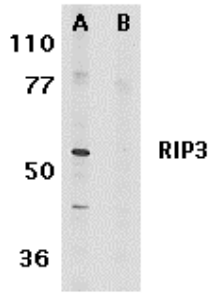
Antigen: Synthetic peptide corresponding to aa 473-486 of mouse RIP3 (accession no. AAF03133).
Host Species: Rabbit
Stabilizers: None
Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes mouse and rat RIP3 (57kDa).

APPLICATIONS

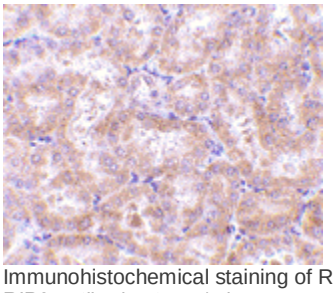
Immunoblotting: use at 1ug/ml.



Western blot analysis of RIP3 in NIH/3T3 whole cell lysate in the absence (A) or presence (B) of blocking peptide with RIP3 antibody at 1µg /ml.

Positive control: NIH/3T3 cell lysate.

Immunohistochemistry: use at 5ug/ml.



Immunohistochemical staining of RIP3 in rat kidney with RIP3 antibody at 5µg/ml.

These are recommended concentrations. Enduser should determine optimal concentrations for their applications.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.

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