

Anti-RICK RIPK2 Antibody

Catalog Number: A00818

About RIPK2

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-kappaB 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-1beta. The messenger RNA of RICK is expressed in multiple human tissues.

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Overview

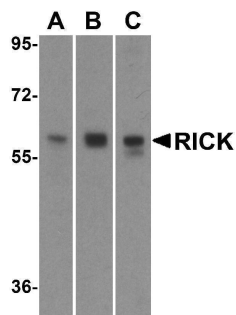
Product Name	Anti-RICK RIPK2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-RICK RIPK2 Antibody (Catalog # A00818). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	RICK Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	RICK antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	O43353

Technical Details

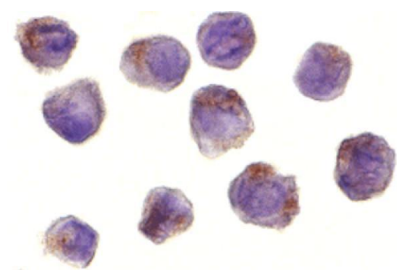
Immunogen	RICK antibody was raised against a peptide corresponding to 20 amino acids near the amino terminus of human RICK. The immunogen is located within the first 50 amino acids of RICK.
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Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	RICK Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	RICK antibody can be used for detection of RICK by Western blot at 1 ug/mL. Antibody can also be used for immunocytochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human and mouse samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

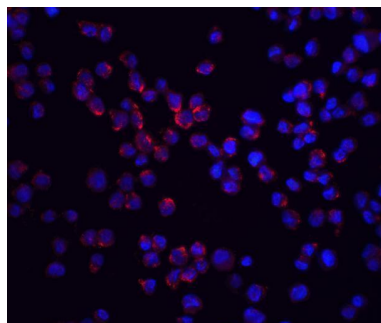
Anti-RICK RIPK2 Antibody (A00818) Images



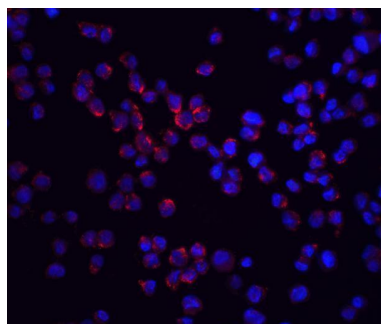
Western blot analysis of RICK in (A) HeLa, (B) Ramos and (C) EL4 cell lysate with RICK antibody at 1 ug/mL.



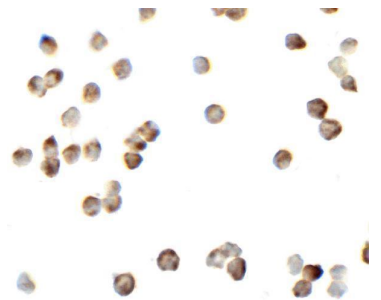
Immunocytochemistry of RICK in A431 cells with RICK antibody at 10 ug/mL.



Immunofluorescence of RICK in K562 cells with RICK antibody at 20 ug/mL.



Immunofluorescence of RICK in K562 cells with RICK antibody at 20 ug/mL. Red: RICK Antibody (A00818) Blue: DAPI staining



Immunocytochemistry of RICK in K562 cells with RICK antibody at 2.5 ug/mL.

Anti-RICK RIPK2 Antibody

For Research Use Only. Not for use in diagnostic procedures.