
Anti- RICK

Cat #: HM1323
Goat polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

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. RICK, also designated RIP2 and CARDIAK, is a RIP like protein kinase involved in regulating both TNFR and CD95-mediated apoptosis. 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 IL1b.

SPECIFICITY

This antibody specifically reacts with RICK of human, mouse and rat origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

IMMUNOGEN

A synthetic peptide derived from N-terminus of human RICK protein.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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