

Rabbit anti-Human RICK Polyclonal Antibody | anti-RIPK2 antibody

RICK Antibody

CATALOG # AAA40320	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot, ELISA
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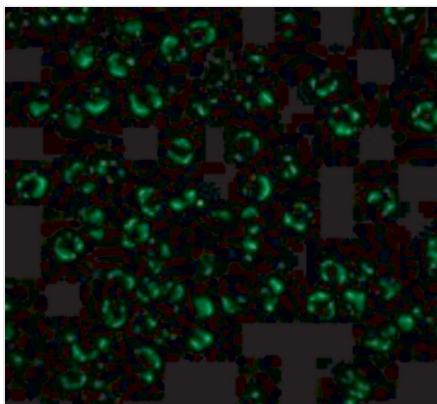
PRODUCT SYNONYMS

RICK; Polyclonal Antibody; RICK Antibody; CCK; RIP2; CARD3; GIG30; CARDIAK; UNQ277/PRO314/PRO34092; CARD-containing interleukin-1 beta-converting enzyme-associated kinase; CARD-containing IL-1 beta ICE-kinase; receptor-interacting serine-threonine kinase 2; anti-RIPK2 antibody

PRODUCT SPECIFICATIONS

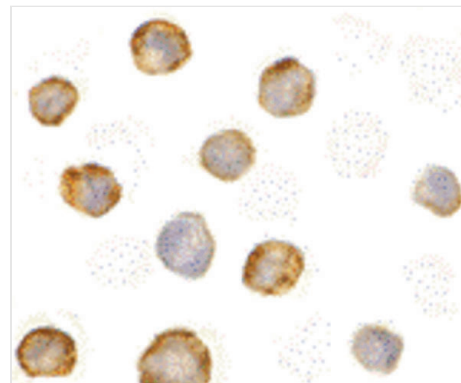
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	RICK Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Sequence Length	540
Applicable Applications for anti-RIPK2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	RICK antibody was raised against a 15 amino acid peptide near the carboxy terminus of human RICK.
Buffer	RICK Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	RICK antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



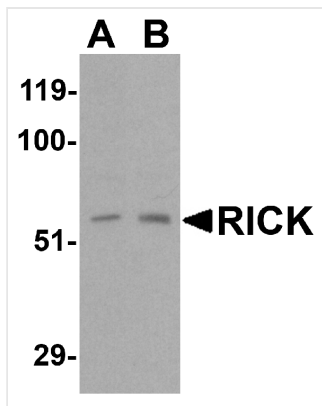
IF (Immunofluorescence)

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



ICC (Immunocytochemistry)

Immunocytochemistry of RICK in K562 cells with RICK antibody at 5 µg/mL.



WB (Western Blot)

Western blot analysis of RICK in (A) 3T3 and (B) K562 cell lysate with RICK antibody at 0.5 µg/mL

ADDITIONAL INFORMATION

Related Product Information for anti-RIPK2 antibody

RICK 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- κ B 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-1 β . The messenger RNA of RICK is expressed in multiple human tissues.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20455217
NCBI GeneID	8767
UniProt Accession #	O43353; Q6UWF0; B7Z748
Molecular Weight	60 kDa
NCBI Official Full Name	Receptor-interacting serine/threonine-protein kinase 2
NCBI Official Synonym Full Names	receptor-interacting serine-threonine kinase 2
NCBI Official Symbol	RIPK2
NCBI Official Synonym Symbols	CCK; RICK; RIP2; CARD3; GIG30; CARDIAK
NCBI Protein Information	receptor-interacting serine/threonine-protein kinase 2; RIP-2; CARD-carrying kinase; growth-inhibiting gene 30; tyrosine-protein kinase RIPK2; receptor-interacting protein 2; CARD-containing IL-1 beta ICE-kinase; CARD-containing interleukin-1 beta-converting enzyme (ICE)-associated kinase; receptor-interacting protein (RIP)-like interacting caspase-like apoptosis regulatory protein (CLARP) kinase
UniProt Protein Name	Receptor-interacting serine/threonine-protein kinase 2
UniProt Gene Name	RIPK2
UniProt Synonym Gene Names	CARDIAK; RICK; RIP2; CARD-containing IL-1 beta ICE-kinase; RIP-2
UniProt Entry Name	RIPK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.