

## Rabbit RICK Polyclonal Antibody | anti-RICK antibody

RICK Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                             |
|-----------|--------|-------------------|------------------------------------------|
| AAA305034 | Rabbit | Human, Mouse, Rat | Immunocytochemistry, Western Blot, ELISA |

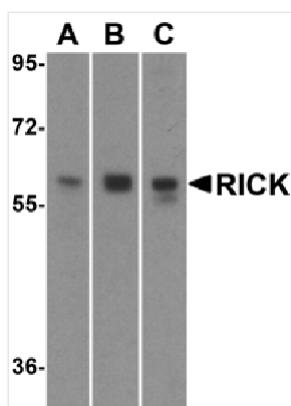
### PRODUCT SYNONYMS

RICK; Polyclonal Antibody; RICK Antibody; RIP2; anti-RICK antibody

### PRODUCT SPECIFICATIONS

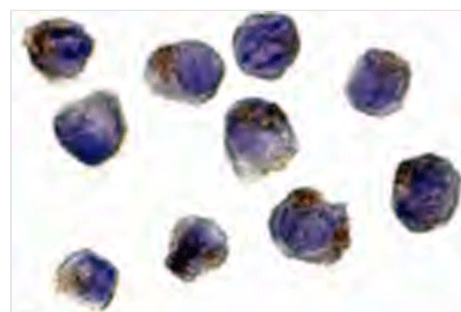
|                                                |                                                                                                                                                                                  |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                           |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                                                       |
| Purity/Purification                            | Affinity chromatography purified via peptide column                                                                                                                              |
| Form/Format                                    | Supplied in PBS containing 0.02% sodium azide.                                                                                                                                   |
| Sequence Length                                | 540                                                                                                                                                                              |
| Applicable Applications for anti-RICK antibody | ICC (Immunocytochemistry), WB (Western Blot), ELISA                                                                                                                              |
| Immunogen Type                                 | Peptide                                                                                                                                                                          |
| Immunogen Description                          | Raised against a peptide corresponding to amino acids near the amino terminus of human RICK.                                                                                     |
| Target Name                                    | RICK                                                                                                                                                                             |
| Preparation and Storage                        | Can be stored at -20°C.<br>As with all antibodies care should be taken to avoid repeated freeze thaw cycles.<br>Antibodies should not be exposed to prolonged high temperatures. |

### IMAGES



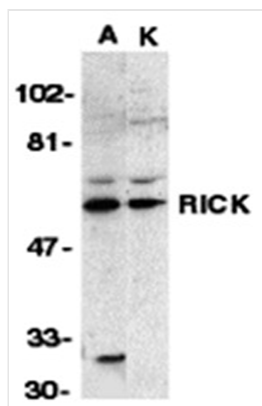
#### WB (Western Blot)

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



#### ICC (Immunocytochemistry)

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



**WB (Western Blot)**  
Western blot analysis of RICK in A431 (A) and K562 (K) whole cell lysate with RICK antibody at 1:1000 dilution.

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-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- $\kappa$ 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 $\beta$ . The messenger RNA of RICK is expressed in multiple human tissues. |
| Product Categories/Family for anti-RICK antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| NCBI GI #                        | 4506537                                                          |
| NCBI GeneID                      | 8767                                                             |
| NCBI Accession #                 | NP_003812.1                                                      |
| NCBI GenBank Nucleotide #        | NM_003821.5                                                      |
| UniProt Accession #              | O43353; Q6UWF0; B7Z748                                           |
| Molecular Weight                 | Predicted MW: 60kd                                               |
| 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           |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/rick-antibody-immunocytochemistry-western-blot-elisa/305034>