

Rabbit RIPK2 Polyclonal Antibody | anti-RIPK2 antibody

Phospho-RIPK2 (Ser176) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320740	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RIPK2; Polyclonal Antibody; Phospho-RIPK2 (Ser176) Antibody; CARD 3; CARD carrying kinase; CARD containing ICE associated kinase; CARD containing IL 1 beta ICE kinase; CARD containing IL1 beta ICE kinase; CARD containing interleukin 1 beta converting enzyme (ICE) associated kinase; CARD containing interleukin 1 beta converting enzyme associated kinase; CARD-containing IL-1 beta ICE-kinase; CARD-containing interleukin-1 beta-converting enzyme-associated kinase; CARD3; CARDIAK; CCK; CLARP kinase; GIG 30; GIG30; Growth inhibiting gene 30; Receptor interacting protein (RIP) like interacting caspase like apoptosis regulatory protein (CLARP) kinase; Receptor interacting protein 2; Receptor interacting serine threonine kinase 2; Receptor interacting serine/threonine protein kinase 2; Receptor-interacting protein 2; Receptor-interacting serine/threonine-protein kinase 2; RICK; RIP 2; RIP like interacting CLARP kinase; RIP-2; RIP-like-interacting CLARP kinase; RIPK 2; Ripk2; RIPK2_HUMAN; TNFRSF; Tyrosine-protein kinase RIPK2; UNQ277/PRO314/PRO34092; anti-RIPK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	From purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	540
Applicable Applications for anti-RIPK2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RIPK2 around the phosphorylation site of Ser176
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

Staining HeLa cells (heat shock treatment) by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (AAA320740) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab (Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab (Green) were used as the secondary Ab. The nuclear counter stain is DAPI (blue).



IHC (Immunohistochemistry)

AAA320740 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.



WB (Western Blot)

Western blot analysis on 293 cell lysate using Phospho-RIPK2(Ser176) Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RIPK2 antibody

RIPK2 a tyrosine kinase-like kinase of the RIPK family. Activates pro-caspase-1 and pro-caspase-8. Potentiates casp-8-mediated apoptosis. May activate NF-kappaB. Note: This description may include information from UniProtKB.

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	70 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
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ripk2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320740>