

Rabbit RIPK2 Polyclonal Antibody | anti-RIPK2 antibody

RIPK2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201664	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunofluorescence

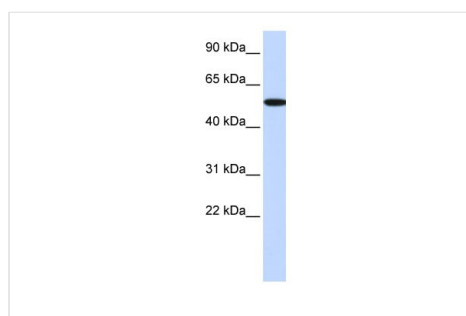
PRODUCT SYNONYMS

RIPK2; Polyclonal Antibody; RIPK2 antibody - middle region; anti-RIPK2 antibody

PRODUCT SPECIFICATIONS

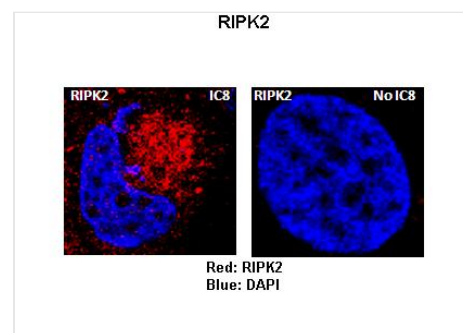
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LR QERKRPLDL HIELNGMYD WNSRVSAKEK YYVWLQHTLR KKLILSYT
Sequence Length	540
Applicable Applications for anti-RIPK2 antibody	WB (Western Blot), IF (Immunofluorescence)
Homology	Cow: 85%; Dog: 85%; Guinea Pig: 78%; Horse: 85%; Human: 85%; Mouse: 78%; Rabbit: 84%; Rat: 78%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RIPK2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-RIPK2 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:312500
 Positive Control: HepG2 cell lysate



IF (Immunofluorescence)

Sample Type : Rat thymocytes-FRTL-5
 Primary Antibody Dilution : 1:100
 Secondary Antibody : Anti-rabbit-Texas Red
 Secondary Antibody Dilution : 1:100
 Color/Signal Descriptions : Red: RIPK2
 Blue: DAPI
 Gene Name : RIPK2
 Submitted by : Syed A Morshed, Mount Sinai School of Medicine and James J Peters VA Medical Center

ADDITIONAL INFORMATION

Related Product Information for anti-RIPK2 antibody	This is a rabbit polyclonal antibody against RIPK2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: RIPK2 is a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases. It contains a C-terminal caspase activation and recruitment domain (CARD), and is a component of signaling complexes in both the innate and adaptive immune pathways. It is a potent activator of NF-kappaB and inducer of apoptosis in response to various stimuli.This gene encodes a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases. The encoded protein contains a C-terminal caspase activation and recruitment domain (CARD), and is a component of signaling complexes in both the innate and adaptive immune pathways. It is a potent activator of NF-kappaB and inducer of apoptosis in response to various stimuli. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-RIPK2 antibody	Polyclonal; Lymphocyte Signaling; Transcription Regulation; Apoptosis; Receptors; Microbiology; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506537
NCBI GeneID	8767
NCBI Accession #	NP_003812
NCBI GenBank Nucleotide #	NM_003821
UniProt Accession #	O43353
Molecular Weight	61kDa
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.