

Rabbit anti-Human, Mouse RIP Polyclonal Antibody | anti-RIP antibody

Phospho-RIP (Ser166) Antibody

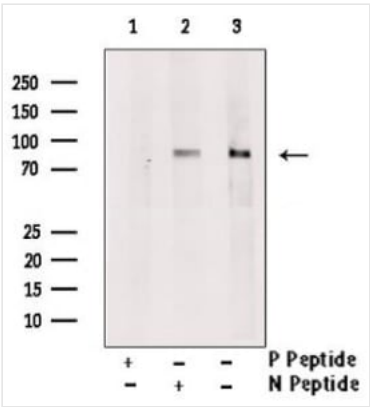
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321382	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RIP; Polyclonal Antibody; Phospho-RIP (Ser166) Antibody; Cell death protein RIP; FLJ39204; OTTHUMP00000039163; Receptor (TNFRSF) interacting serine threonine kinase 1; receptor interacting protein 1; Receptor interacting protein; Receptor interacting protein kinase 1; Receptor interacting serine threonine protein kinase 1; Receptor TNFRSF interacting serine threonine kinase 1; Receptor-interacting protein 1; Receptor-interacting serine/threonine-protein kinase 1; Rinp; RIP 1; Rip-1; RIP1; RIPK 1; Ripk1; RIPK1_HUMAN; Serine threonine protein kinase RIP; Serine/threonine-protein kinase RIP; anti-RIP antibody

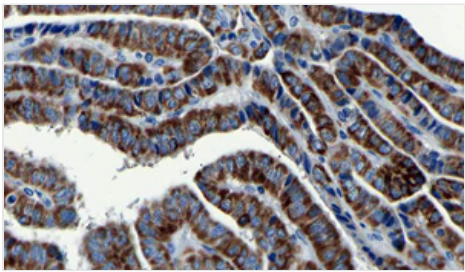
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-RIPK1 (Ser166) Antibody detects endogenous levels of RIPK1 only when phosphorylated at Ser166.
Purity/Purification	Peptide affinity purification
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	671
Applicable Applications for anti-RIP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RIP around the phosphorylation site of Ser166.
Subcellular Location	Cytoplasm.
Conjugation	Unconjugated
Epitope	Phospho Ser166
Important	For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



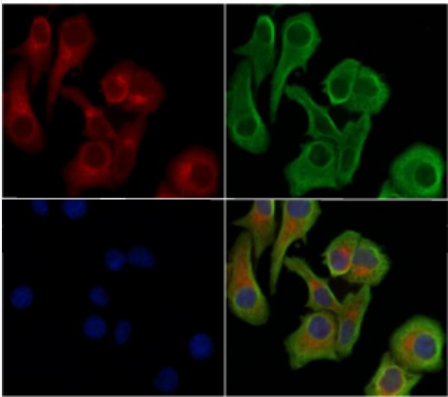
WB (Western Blot)

analysis of extracts from HT-29 cells treated with hTNF/Z-VAD/SM-164, using Phospho-RIPK1 (Ser166) Antibody. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.



IHC (Immunohistochemistry)

AAA321382 at 1/100 staining Human thyroid cancer 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 antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA321382 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(AAA321382) 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 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RIP antibody	Serine-threonine kinase which transduces inflammatory and cell-death signals (programmed necrosis) following death receptors ligation, activation of pathogen recognition receptors (PRRs), and DNA damage. Upon activation of TNFR1 by the TNF-alpha family cytokines, TRADD and TRAF2 are recruited to the receptor. Phosphorylates DAB21P at 'Ser-728' in a TNF-alpha-dependent manner, and thereby activates the MAP3K5-JNK apoptotic cascade. Ubiquitination by TRAF2 via 'Lys-63'-link chains acts as a critical enhancer of communication with downstream signal transducers in the mitogen-activated protein kinase pathway and the NF-kappa-B pathway, which in turn mediate downstream events including the activation of genes encoding inflammatory molecules.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	57242761
NCBI GeneID	8737
NCBI Accession #	NP_003795.2
NCBI GenBank Nucleotide #	NM_003804.5
UniProt Accession #	Q13546; Q13180; Q59H33; A0AV89; B2RAG1; B4E3F9

Molecular Weight	78-82kDa
NCBI Official Full Name	receptor-interacting serine/threonine-protein kinase 1 isoform 1
NCBI Official Synonym Full Names	receptor interacting serine/threonine kinase 1
NCBI Official Symbol	RIPK1
NCBI Official Synonym Symbols	RIP; RIP1; IMD57; RIP-1
NCBI Protein Information	receptor-interacting serine/threonine-protein kinase 1
UniProt Protein Name	Receptor-interacting serine/threonine-protein kinase 1
UniProt Gene Name	RIPK1
UniProt Synonym Gene Names	RIP; RIP1; RIP-1

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/rip-antibody-immunohistochemistry-western-blot-elisa/321382>