

Rabbit RIPK1 Polyclonal Antibody | anti-RIPK1 antibody

RIPK1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA177695	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry

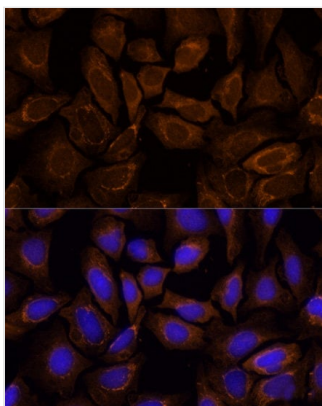
PRODUCT SYNONYMS

RIPK1; Polyclonal Antibody; RIPK1 Polyclonal Antibody; RIP; RIP-1; RIP1; anti-RIPK1 antibody

PRODUCT SPECIFICATIONS

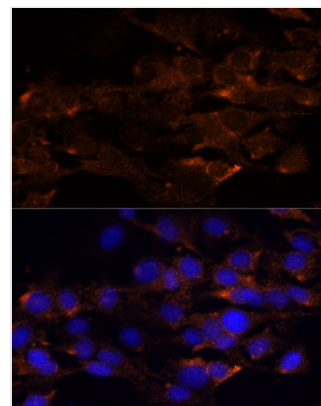
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-RIPK1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant fusion protein of human RIPK1 (NP_0037952)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



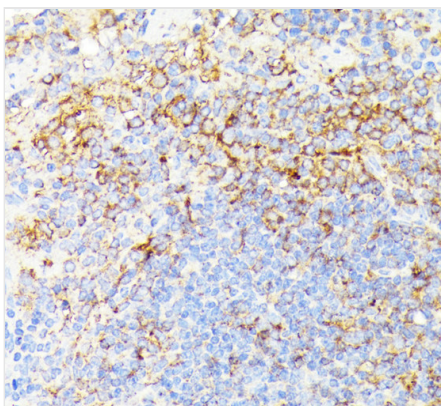
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using RIPK1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



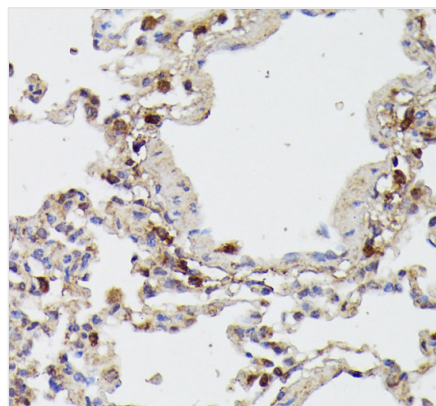
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using RIPK1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



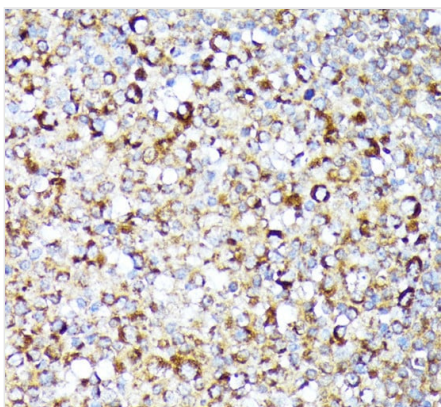
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse spleen using RIPK1 Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat lung using RIPK1 Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil using RIPK1 Polyclonal Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-RIPK1 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 DAB2IP 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. Polyubiquitinated protein binds to IKBKG/NEMO, the regulatory subunit of the IKK complex, a critical event for NF-kappa-B activation. Interaction with other cellular RHIM-containing adapters initiates gene activation and cell death. RIPK1 and RIPK3 association, in particular, forms a necrosis-inducing complex.
Product Categories/Family for anti-RIPK1 antibody	Cancer; Cell Biology; Signal transduction; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	57242761
NCBI GeneID	8737
NCBI Accession #	NP_003795
NCBI GenBank Nucleotide #	NM_003804.3
UniProt Accession #	Q13546; Q13180; Q59H33; A0AV89; B2RAG1; B4E3F9

Molecular Weight	70,733 Da
NCBI Official Full Name	receptor-interacting serine/threonine-protein kinase 1
NCBI Official Synonym Full Names	receptor (TNFRSF)-interacting serine-threonine kinase 1
NCBI Official Symbol	RIPK1
NCBI Official Synonym Symbols	RIP; RIP1
NCBI Protein Information	receptor-interacting serine/threonine-protein kinase 1; RIP-1; cell death protein RIP; receptor interacting protein; receptor-interacting protein 1; serine/threonine-protein kinase RIP
UniProt Protein Name	Receptor-interacting serine/threonine-protein kinase 1
UniProt Gene Name	RIPK1
UniProt Synonym Gene Names	RIP; RIP1; RIP-1
UniProt Entry Name	RIPK1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ripk1-antibody-immunofluorescence-immunohistochemistry-elisa/177695>