

Rabbit anti-Human RIP3 Polyclonal Antibody | anti-RIP3 antibody

Rabbit anti-RIP3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212656	Rabbit	Human	Immunoprecipitation, Western Blot

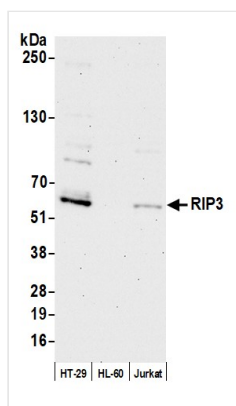
PRODUCT SYNONYMS

RIP3; Polyclonal Antibody; Rabbit anti-RIP3 Antibody; Affinity Purified; receptor interacting protein 3; Receptor-interacting protein 3; receptor-interacting serine/threonine-protein kinase 3; RIP-3; RIP-like protein kinase 3; Receptor-interacting serine/threonine-protein kinase 3; receptor interacting serine/threonine kinase 3; anti-RIP3 antibody

PRODUCT SPECIFICATIONS

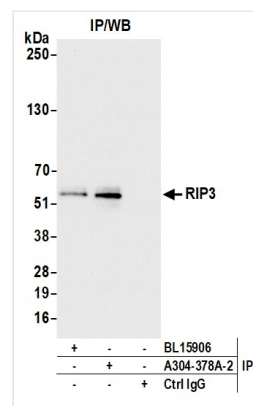
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-RIP3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 425 and 475
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human RIP3 by western blot. Samples: Whole cell lysate (10 ug) from HT-29, HL-60, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RIP3 antibody (AAA212656 lot 2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human RIP3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from HT-29 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RIP3 antibody (AAA212656 lot 2) used for IP at 6 ug per reaction. RIP3 was also immunoprecipitated by a second antibody against a different epitope of RIP3 (BL15906). For blotting immunoprecipitated RIP3, AAA212656 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-RIP3 antibody	Receptor-interacting serine/threonine-protein kinase 3 (RIP3) is essential for necroptosis, a programmed cell death process in response to death-inducing TNF-alpha family members. Upon induction of necrosis, RIP3 interacts with, and phosphorylates RIPK1 and MLKL to form a necrosis-inducing complex. RIP3 binds to and enhances the activity of three metabolic enzymes: GLUL, GLUD1, and PYGL. These metabolic enzymes may eventually stimulate the tricarboxylic acid cycle and oxidative phosphorylation, which could result in enhanced ROS production [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9Y572].
Product Categories/Family for anti-RIP3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	40254844
NCBI GeneID	11035
NCBI Accession #	NP_006862.2
NCBI GenBank Nucleotide #	NM_006871.3
UniProt Accession #	Q9Y572; Q5J795; Q5J796; Q6P5Y1; B4DJL9; C4AM87
Molecular Weight	25,326 Da
NCBI Official Full Name	receptor-interacting serine/threonine-protein kinase 3
NCBI Official Synonym Full Names	receptor-interacting serine-threonine kinase 3
NCBI Official Symbol	RIPK3
NCBI Official Synonym Symbols	RIP3
NCBI Protein Information	receptor-interacting serine/threonine-protein kinase 3; RIP-3; RIP-like protein kinase 3; receptor interacting protein 3; receptor-interacting protein 3
UniProt Protein Name	Receptor-interacting serine/threonine-protein kinase 3
UniProt Gene Name	RIPK3
UniProt Synonym Gene Names	RIP3; RIP-3
UniProt Entry Name	RIPK3_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://www.aaabiotech.com/polyclonal/rip3-antibody-immunoprecipitation-western-blot-elisa/212656>