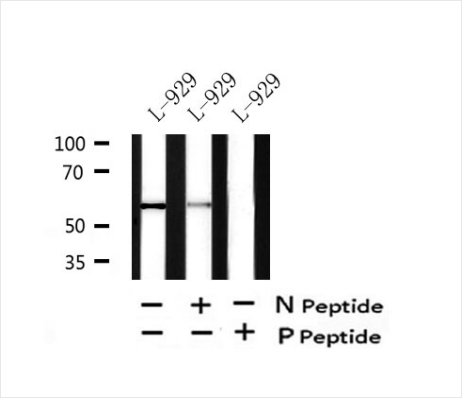
RIP3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RIP3, Polyclonal Antibody
Full Product Name	RIP3 (Phospho-S232) Antibody
Product Gene Name	anti-RIP3 antibody
Product Synonym Names	Receptor interacting protein 3; Receptor interacting serine threonine kinase 3; Receptor interacting serine/threonine protein kinase 3; Receptor-interacting protein 3; Receptor-interacting serine/threonine-protein kinase 3; RIP 3; RIP like protein kinase 3; RIP-3; RIP-like protein kinase 3; RIPK 3; RIPK3; RIPK3_HUMAN;
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse, rat
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Concentration	1.0mg/mL (lot specific)
Specificity	Phospho-RIP3 (Phospho- S232) Antibody detects endogenous levels of RIP3 only when phosphorylated at S232
Preparation and Storage	Store at -20 degree C.
Molecular Weight	57
3D Structure	ModBase 3D Structure for Q9QZL0
Immunogen	A synthesized peptide derived from mouse RIP3 around the phosphorylation site of Ser232
Immunogen Type	Peptide
Product Categories/Family for anti-RIP3 antibody	Phospho-specific Ab
Applications Tested/Suitable for anti-RIP3 antibody	Western Blot (WB)
Application Notes for anti-RIP3 antibody	WB: 1:500-1:2000
Related Product Information for anti-RIP3 antibody	MBS9429436 is an antibody targeting RIP3. Also known as RIP3 (Phospho-S232) Antibody. Reactive in Mouse, rat. Host: Rabbit.
Other Notes	Small volumes of anti-RIP3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-RIP3 antibody
Western blot analysis of Phospho-RIP3 (S232) in lysates of L-929, using Phospho-RIP3 (S232) Antibody(13284).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RIP3. It may not necessarily be applicable to this product.

NCBI GI #	256017133
NCBI GeneID	56532
NCBI Accession #	NP_064339.2
UniProt Primary Accession #	Q9QZL0
UniProt Secondary Accession #	Q3U3Z9; Q8K2Y2; G3X8V8
UniProt Related Accession #	Q9QZL0
GenBank Nucleotide #	NM_019955.2
NCBI Official Full Name	receptor-interacting serine/threonine-protein kinase 3 isoform 1
NCBI Official Synonym Full Names	receptor-interacting serine-threonine kinase 3
NCBI Official Symbol	Ripk3
NCBI Official Synonym Symbols	Rip3; AW107945; 2610528K09Rik
UniProt Protein Name	Receptor-interacting serine/threonine-protein kinase 3
UniProt Synonym Protein Names	RIP-like protein kinase 3; Receptor-interacting protein 3; RIP-3; mRIP3
Protein Family	Putative zinc metalloprotease
UniProt Gene Name	Ripk3
UniProt Synonym Gene Names	Rip3; RIP-3; mRIP3
NCBI Protein Information	receptor-interacting serine/threonine-protein kinase 3
UniProt Comments for RIP3	Essential for necroptosis, a programmed cell death process in response to death-inducing TNF-alpha family members. Upon induction of necrosis, RIPK3 interacts with, and phosphorylates RIPK1 and MLKL to form a necrosis-inducing complex. RIPK3 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.
Research Articles on RIP3	**1.** Knock-out mice deficient in MLKL or RIP3 had increased survival and reduced pulmonary injury during Serratia marcescens pneumonia.

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-mouse-rat-antibody/rip3/9429436