

Immunotag™ RIPK3 Antibody

Antibody Specification	
Catalog No.	ITA2426
Product Description	Immunotag™ RIPK3 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	RIPK3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human RIPK3
Specificity	RIPK3 Antibody detects endogenous levels of total RIPK3
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	RIPK3
Accession No.	Q9Y572
Alternate 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;

Antibody Specification

Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	57 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.