ANTIBODIES ONLINE

Datasheet for ABIN7450660

anti-MPRIP antibody (AA 400-450)

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Overview

Quantity:	100 µg
Target:	MPRIP
Binding Specificity:	AA 400-450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MPRIP antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-RIP3 Antibody, Affinity Purified
Immunogen:	Between AA 400 and 450
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	MPRIP
Alternative Name:	RIP3 (MPRIP Products)
Background:	Background: 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

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Target Details

	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) Q9Y572].
Gene ID:	11035
NCBI Accession:	NP_006862
UniProt:	Q9Y572

Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months