antibodies -online.com





anti-RIPK3 antibody (AA 1-518)

3 Images



Overview

Overview	
Quantity:	100 μg
Target:	RIPK3
Binding Specificity:	AA 1-518
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RIPK3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)
Product Details	

Immunogen:	Recombinant Human Receptor-interacting serine/threonine-protein kinase 3 protein (1-518AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RIPK3
Alternative Name:	RIPK3 (RIPK3 Products)
Background:	Background: 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.

Aliases: Receptor interacting protein 3 antibody, Receptor interacting serine threonine kinase 3 antibody, Receptor interacting serine/threonine protein kinase 3 antibody, Receptor-interacting protein 3 antibody, Receptor-interacting serine/threonine-protein kinase 3 antibody, RIP 3 antibody, RIP like protein kinase 3 antibody, RIP-3 antibody, RIP-like protein kinase 3 antibody, RIPK3 antibody, RIPK3 antibody, RIPK3 antibody, RIPK3 antibody

UniProt: Q9Y572

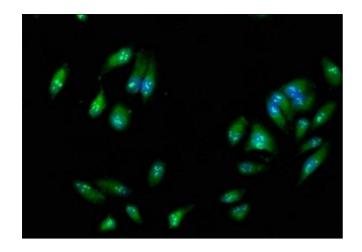
Pathways: Activation of Innate immune Response, Toll-Like Receptors Cascades

Application Details

Application Notes:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:200-1:500,
Restrictions:	For Research Use only

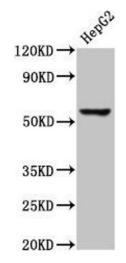
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



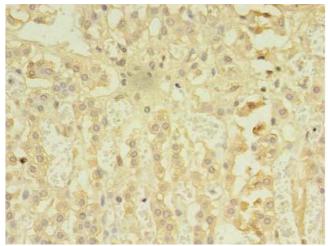
Immunofluorescence

Image 1. Immunofluorescence staining of Hela cells with ABIN7167480 at 1:266, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: HepG2 whole cell lysate All lanes: RIPK3 antibody at 3 μg/mL Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution Predicted band size: 57, 28, 26 kDa Observed band size: 57 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7167480 at dilution of 1:100