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# Datasheet for ABIN7167479 anti-RIPK3 antibody (AA 1-120)

3 Images



## Overview

Quantity:	100 μL
Target:	RIPK3
Binding Specificity:	AA 1-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RIPK3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Recombinant Human Receptor-interacting serine/threonine-protein kinase 3 protein (1-120AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity 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

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	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,
	RIPK 3 antibody, RIPK3 antibody, RIPK3_HUMAN antibody
UniProt:	Q9Y572
Pathways:	Activation of Innate immune Response, Toll-Like Receptors Cascades
Application Details	
Application Notes:	Recommended dilution: IHC:1:20-1:200,
Restrictions:	For Research Use only
Restrictions: Handling	For Research Use only
Restrictions: Handling Format:	For Research Use only Liquid
Restrictions: Handling Format: Buffer:	For Research Use only         Liquid         PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Restrictions: Handling Format: Buffer: Preservative:	For Research Use only   Liquid   PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.   Sodium azide
Restrictions: Handling Format: Buffer: Preservative: Precaution of Use:	For Research Use only         Liquid         PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.         Sodium azide         This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
Restrictions: Handling Format: Buffer: Preservative: Precaution of Use:	For Research Use only         Liquid         PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.         Sodium azide         This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Restrictions: Handling Format: Buffer: Preservative: Precaution of Use: Storage:	For Research Use onlyLiquidPBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.Sodium azideThis product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only20 °C, 80 °C



## Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7167479 at dilution of 1:100

### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7167479 at dilution of 1:100

### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human lung tissue using ABIN7167479 at dilution of 1:100

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