

Datasheet for ABIN500612
anti-RIPK3 antibody (AA 473-486)



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3 Images

Overview

Quantity:	0.1 mg
Target:	RIPK3
Binding Specificity:	AA 473-486
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RIPK3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	RIP3 antibody was raised against a peptide corresponding to amino acids 473 to 486 of Murine RIP3.
Isotype:	IgG
Specificity:	This antibody detects RIP3.
Cross-Reactivity (Details):	Species reactivity (tested): Mouse, Rat.
Purification:	Peptide Affinity Chromatography

Target Details

Target:	RIPK3
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Target Details

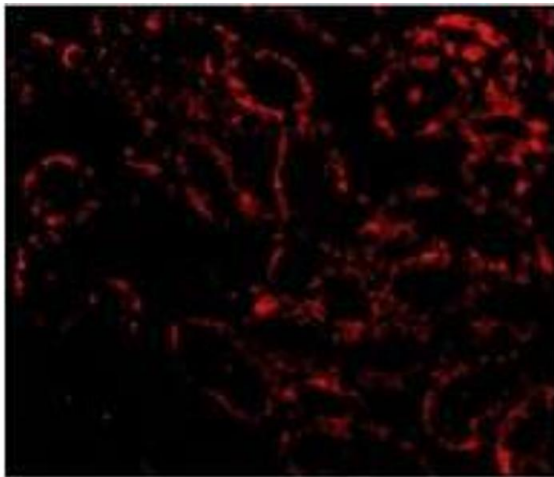
Alternative Name:	RIPK3 / RIP3 (RIPK3 Products)
Background:	<p>Certain serine/threonine protein kinases, such as ASK1, RIP, DAP, and ZIP kinases, are mediators of apoptosis. Receptor interacting proteins including RIP and RIP2/RICK mediate apoptosis induced by TNFR1 and Fas, two prototype members in the death receptor family. A novel member in the RIP kinase family was recently identified and designated RIP3 (1-3). RIP3 contains N-terminal kinase domain but, unlike RIP or RIP2, lacks the C-terminal death or CARD domain. RIP3 binds to RIP and TNFR1, mediates TNFR1 induced apoptosis, and attenuates RIP and TNFR1 induced NF-kB activation. Overexpression of RIP3 induces apoptosis and NF-kappaB activation. The messenger RNA of RIP3 is expressed in a subset of adult tissues (2,3).Synonyms: RIP-3, RIP-like protein kinase 3, Receptor-interacting protein 3, Receptor-interacting serine/threonine-protein kinase 3</p>
Molecular Weight:	57 kDa
Gene ID:	56532
UniProt:	Q9QZL0
Pathways:	Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	<p>ELISA. Western blot: 0.5 to 1 µg/mL. Immunohistochemistry on paraffin sections.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

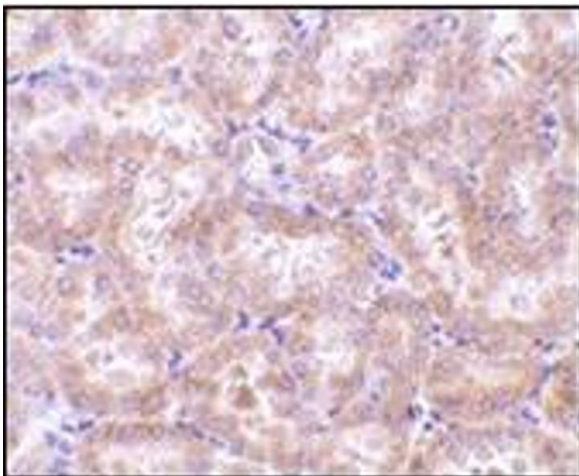
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS, 0.02 % 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



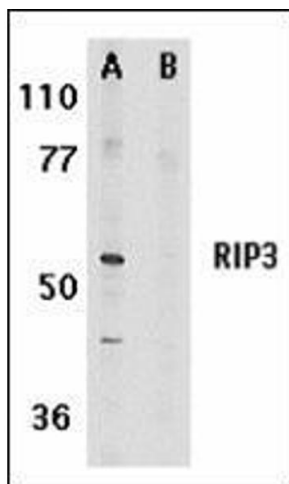
Immunofluorescence

Image 1. Immunofluorescence of RIP3 in Rat Kidney cells with RIP3 antibody at 20 µg/ml.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of RIP3 in rat kidney tissue with RIP3 antibody at 5 µg/ml.



Western Blotting

Image 3. Western blot analysis of RIP3 in mouse 3T3 whole cell lysate in the absence (A) or presence (B) of blocking peptide with RIP3 antibody at 1 µg/ml.