

Datasheet for ABIN501040  
**anti-RNF216 antibody (N-Term)**

## 2 Images

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## Overview

Quantity:	0.1 mg
Target:	RNF216
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF216 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	TRIAD3A antibody was raised against a peptide corresponding to 15 amino acids near the amino-terminus of mouse TRIAD3A.
Isotype:	IgG
Specificity:	This antibody detects RNF216 / TRIAD3.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse
Purification:	Ion exchange chromatography

## Target Details

Target:	RNF216
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## Target Details

Alternative Name: RNF216 ([RNF216 Products](#))

**Background:** Activation of NF-kappaB as a result of Toll-like receptor (TLR) and IL-1 receptor signaling is a major component of innate immune responses (reviewed in 1). Signals from these receptors are relayed by a number of adapter molecules such as TRIF, TIRAP, and MyD88 (2). Several regulatory mechanisms exist to control TLR signal transduction, including the inhibition of TLR expression and signaling by molecules such as ST2 and SIGIRR (3,4). Another mechanism is by the ubiquitination of selected TLRs by TRIAD3A, an E3 ubiquitin-protein ligase (5). TRIAD3A is a RING finger protein that can bind to TLR4 and TLR9, and to a lesser extent TLR3 and TLR5, catalyzing the ubiquitination of these molecules. Overexpression of TRIAD3A promoted the nearly complete degradation of TLR4 and TLR9, this reduction was reflected in the decreased signal-specific activation by ligands specific for these TLRs. Conversely, depletion of TRIAD3A resulted in enhanced TLR activation (5). Synonyms: E3 ubiquitin-protein ligase RNF216, RING finger protein 216, TRIAD3, Triad domain-containing protein 3, UBCE7IP1, Ubiquitin-conjugating enzyme 7-interacting protein 1, ZIN, Zinc finger protein inhibiting NF-kappa-B

Gene ID: 54476

## Application Details

**Application Notes:** ELISA. Western blot: 0.5 to 1 µg/mL. Immunohistochemistry on paraffin sections.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

**Restrictions:** For Research Use only

## Handling

**Buffer:** PBS containing 0.02 % sodium azide

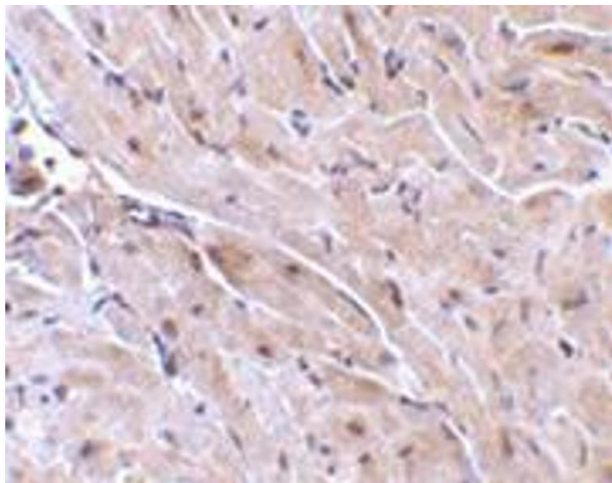
**Preservative:** Sodium azide

**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.

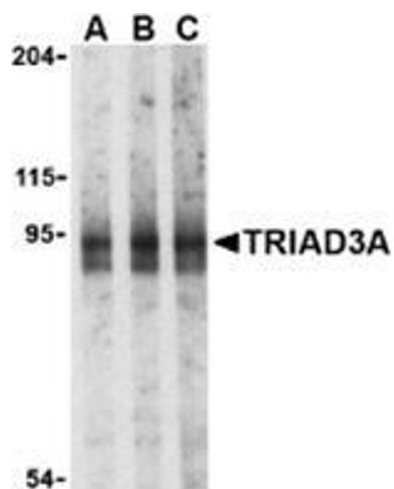
**Storage:** 4 °C/-20 °C

**Storage Comment:** Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of TRIAD3A in mouse heart with this product at 10 µg/ml.



#### Western Blotting

**Image 2.** Western blot analysis of TRIAD3A in mouse heart cell lysates with this product at (A) 0.5, (B) 1, and (C) 2 µg/ml.