

Datasheet for ABIN501042  
**anti-TICAM1 antibody (C-Term)**



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2 Images

## Overview

Quantity:	0.1 mg
Target:	TICAM1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TICAM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	TRIF antibody was raised against a peptide corresponding to 14 amino acids near the C-terminus of human TRIF.
Isotype:	IgG
Specificity:	This antibody detects TICAM1 / TRIF.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Ion exchange chromatography

## Target Details

Target:	TICAM1
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## Target Details

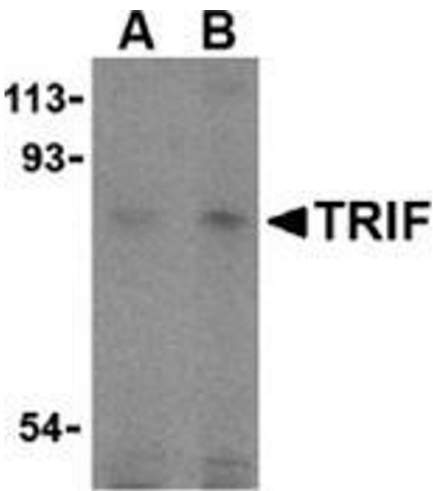
Alternative Name:	TICAM1 / TRIF ( <a href="#">TICAM1 Products</a> )
Background:	TRIF is a member of the Toll/interleukin-1 receptor (TIR) family, a group of proteins that include the Toll-like receptors (TLRs) (1-3). TLRs are signaling molecules that recognize different pathogen-associated molecular patterns (PAMPs) and serve as an important link between the innate and adaptive immune responses (4). TRIF, along with other molecules such as TIRP, TIRAP, and MyD88, serves as an adaptor protein to several of the TLR molecules. Following activation of TLR3 and TLR4, TRIF engages the kinase TBK1 and allows its subsequent activation of the interferon regulatory factor (IRF)-3 (5). TRIF is also involved in the activation of TNF receptor associated factor (TRAF)-6, and ultimately the activation of NF-kappaB (6).Synonyms: PRVTIRB, Proline-rich vinculin and TIR domain-containing protein B, Putative NF-kappa-B-activating protein 502H, TICAM-1, TIR domain-containing adapter molecule 1, Toll-interleukin 1 receptor domain-containing adapter protein inducing interferon-beta
Gene ID:	148022
NCBI Accession:	<a href="#">NP_891549</a>
Pathways:	<a href="#">TLR Signaling</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Hepatitis C</a> , <a href="#">Toll-Like Receptors Cascades</a>

## Application Details

Application Notes:	ELISA. Western blot: 2 to 4 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

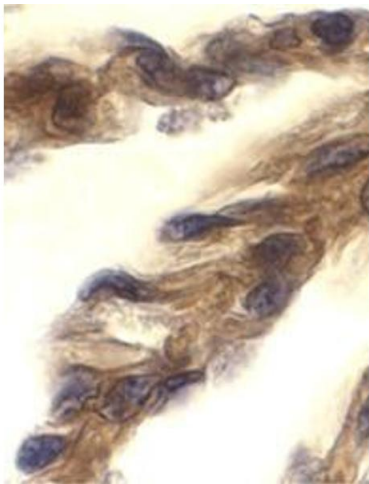
## Handling

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.



#### Western Blotting

**Image 1.** Western blot analysis of TRIF in human lung cell lysates with this product at (A) 2 and (B) 4 µg/ml.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of TRIF in human lung tissue with this product at 10 µg/ml.