Datasheet for ABIN6657872

anti-TICAM1 antibody

2 Images

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Overview

Quantity:	200 µL
Target:	TICAM1
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TICAM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF), Fluorescence Microscopy (FM)

Product Details

Purpose:	TRIF Antibody
Immunogen:	TRIF Antibody was produced from whole rabbit serum prepared by repeated immunizations with a synthetic peptide corresponding to internal amino acids of the mouse protein TRIF.
Isotype:	IgG
Cross-Reactivity (Details):	A BLAST analysis was used to suggest cross-reactivity with Anti-TRIF from mouse based on 100 % homology with the immunizing sequence.
Purification:	Anti-TRIF antibody is sera.

Target Details

Target:	TICAM1
Alternative Name:	TRIF (TICAM1 Products)

Target Details

Background:	Synonyms: Trif, TIR domain-containing adapter molecule 1, TICAM-1, Proline-rich, vinculin and TIR domain-containing protein B, Putative NF-kappa-B-activating protein 502H, Toll-interleukin-1 receptor domain-containing adapter protein inducing interferon beta, TIR domain-containing adapter protein inducing IFN-beta Background: Anti-TRIF antibody detects mouse TRIF. TICAM (Toll-interleukin 1 receptor domain (TIR)-containing adaptor molecule-1) or TRIF (Toll/IL-1 receptor domain-containing adapter inducing IFN-beta) plays an essential role in the MyD88-independent signaling of TLR3. Anti-TRIF antibody is ideal for investigators involved in cytokines and growth factor research. Gene Name: Ticam1
Gene ID:	106759
NCBI Accession:	NP_778154
UniProt:	Q80UF7
Pathways:	TLR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Hepatitis C, Toll-Like Receptors Cascades

Application Details

Application Notes:	Immunoprecipitation_Dilution: User Optimized Immunohistochemistry_Dilution: User Optimized IF_Microscopy_Dilution: User Optimized Western_Blot_Dilution: 1:500-1:1000
Comment:	Anti-TRIF antibody has been tested by WB, ICC/IF, IHC, IHC-P, and IP. Expect a band approximately 76kDa on specific lysates. Specific conditions for reactivity should be optimized by the end user.
Restrictions:	For Research Use only

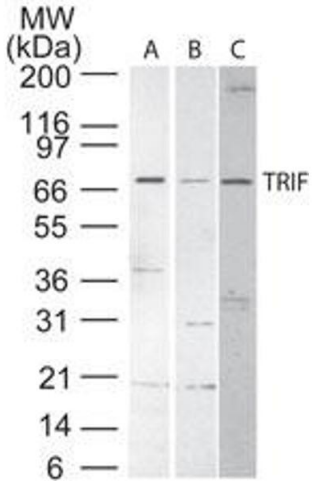
Handling

Format:	Liquid
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 0.05 % BSA Preservative: 0.05 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

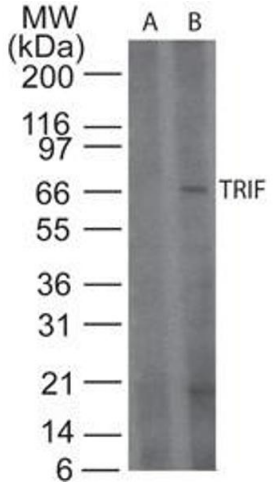
	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months

Images



Western Blotting

Image 1. TRIF Western Blot. Western Blot of Rabbit anti-TRIF antibody. Lane A: mouse intestine lysate. Lane B: mouse spleen lysate. Lane C: RAW lysate. Load: 30 µg per lane. Primary antibody: TRIF antibody at 1:1000 for overnight at 4°C. Secondary antibody: rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: ~70 kDa for TRIF. Other band(s): none.



Western Blotting

Image 2. TRIF Western Blot. Western Blot of Rabbit anti-TRIF antibody. Lane A: mouse spleen lysate in the presence of immunizing peptide. Lane B: mouse spleen lysate. Load: 30 µg per lane. Primary antibody: TRIF antibody at 1:1000 for overnight at 4°C. Secondary antibody: rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: ~70 kDa for TRIF. Other band(s): none.