

Datasheet for 600-401-FM6**TRAF3 Antibody****Overview**

Description:	Anti-TRAF3 (RABBIT) Antibody - 600-401-FM6
Item No.:	600-401-FM6
Size:	100 µg
Applications:	ELISA, IF, WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

Background:	Tumor necrosis factor (TNF) receptor associated factors (TRAFs) are the major signal transducers for the TNF receptor superfamily and the interleukin-1 receptor/Toll-like receptor (IL-1/TLR) superfamily. TRAF3 was first identified by its interaction with CD40 and the Epstein-Barr virus transforming protein LMP1. Several TRAF3 mRNA splice variants exist and some of these can activate the transcription factor NF-κB. Besides CD40, TRAF3 also interacts with the TRFR superfamily member lymphotoxin-beta receptor (LTbetaR) in association with TRAF2 and the apoptosis inhibitors cIAP1 and Smac. It has been suggested that TRAF3 induces mitochondria-mediated apoptosis upon binding of the TNF family cytokine LIGHT by LTbetaR.
Synonyms:	TRAF3 Antibody, CAP1, LAP1, CAP-1, CRAF1, IIAE5, CD40bp, CAP1, TNF receptor-associated factor 3
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	TRAF3
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide

Immunogen:	Anti-TRAF3 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 16 amino acid synthetic peptide from near the C-terminus of human TRAF3.
Purity/Specificity:	Anti-TRAF3 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with TRAF3 from other sources has not been determined.
Relevant Links:	• UniProtKB - Q13114 • GeneID - 7187 • NCBI - NP_001186356.1

Application Details

Tested Applications:	ELISA, IF, WB
Application Note:	Anti-TRAF3 Antibody has been tested for use in ELISA, Western Blotting and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 64 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
IF:	2 µg/mL
WB:	1-2 µg/mL

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

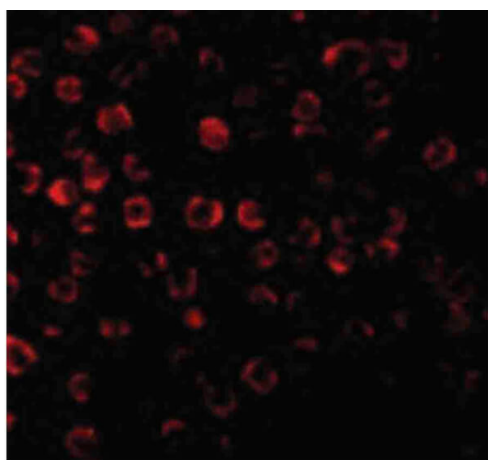
Shipping & Handling

Shipping Condition:	Dry Ice
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Storage Condition: 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.

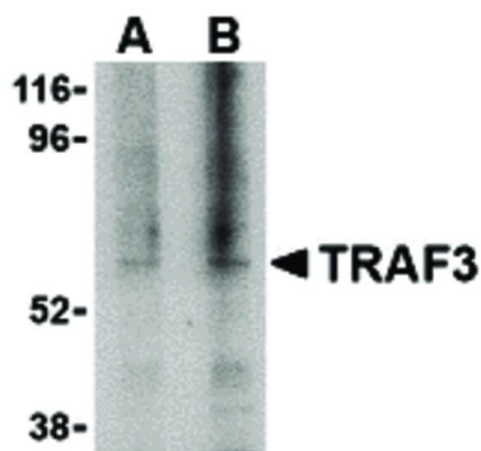
Expiration: Expiration date is one (1) year from date of receipt.

Images



Immunofluorescence Microscopy

Immunofluorescence Microscopy of TRAF3 antibody. Cell Type: 3T3 cells. Fixation: 0.5% PFA. Antigen retrieval: not required. Primary antibody: TRAF3 antibody at 2 µg/mL for 1 h at RT. Secondary antibody: Fluorescein rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: TRAF3 is cytoplasmic. Staining: TRAF3 as red fluorescent signal.



Western Blot

Western Blot of TRAF3 antibody in 3T3 cell lysate. Lane A: TRAF3 antibody at 1 µg/mL. Lane B: TRAF3 antibody at 2 µg/mL. Load: 35 µg per lane. Primary antibody: TRAF3 antibody at designated concentrations for overnight at 4°C. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 191 kDa, 58 kDa for TRAF3. Other band(s): TRAF3 splice variants and isoforms.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.