



Datasheet for ABIN3044048  
**anti-TRAF4 antibody (C-Term)**



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3 Images

Overview

Quantity:	100 µg
Target:	TRAF4
Binding Specificity:	AA 437-454, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAF4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for TNF receptor-associated factor 4(TRAF4) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human TRAF4(437-454aa PKFISHQDIRKRNRYRDD), identical to the related rat and mouse sequences.
Sequence:	PKFISHQDIR KRNRYRDD
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for TNF receptor-associated factor 4(TRAF4) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: TNF receptor-associated factor 4 Protein Name: TNF receptor-associated factor 4

## Product Details

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Purification: Immunogen affinity purified.

## Target Details

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Target: TRAF4

Alternative Name: TRAF4 ([TRAF4 Products](#))

Background: TRAF4(TNF Receptor-Associated Factor 4), also called CART1 or MLN62, is a protein that in humans is encoded by the TRAF3 gene. TRAF4 is a member of the TNF receptor associated factor(TRAF) family, a family of scaffold proteins. Tomasetto et al.(1995) identified genes that are overexpressed in breast cancer by differential screening of cDNAs from breast cancer-derived metastatic axillary lymph nodes. The TRAF4 cDNA, which they designated MLN62, was mapped to 17q11-q12 by radioisotopic in situ hybridization. To investigate the biologic function of TRAF4, Regnier et al.(2002) generated Traf4-deficient mice by gene disruption.

Synonyms: CART 1 antibody|CART1 antibody|cysteine rich domain associated with ring and TRAF domain antibody|Cysteine rich domain associated with RING and Traf domains protein 1 antibody|Cysteine-rich domain associated with RING and Traf domains protein 1 antibody|Malignant 62 antibody|metastatic lymph node gene 62 protein antibody|MLN 62 antibody|MLN62 antibody|RING finger protein 83 antibody|RNF 83 antibody|RNF83 antibody|TNF receptor associated factor 4 antibody|TNF receptor-associated factor 4 antibody|TRAF 4 antibody|Traf4 antibody|TRAF4\_HUMAN antibody|tumor necrosis receptor-associated factor 4A antibody

## Application Details

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Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat, The detection limit for TRAF4 is approximately 0.5 ng/lane under reducing conditions.  
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Rat, Predicted Species: Mouse, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.  
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested. Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Concentration: 500 µg/mL

Buffer: Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05 mg Thimerosal, 0.05 mg Sodium azide.

Preservative: Thimerosal (Merthiolate), Sodium azide

Precaution of Use: This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.

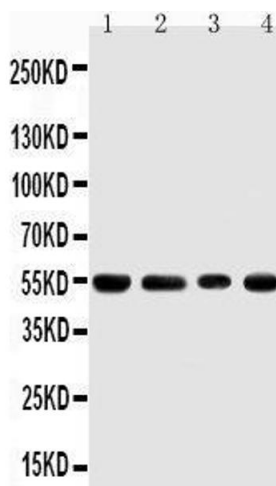
Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: At -20°C for one year. After reconstitution, at 4°C for one month.  
It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

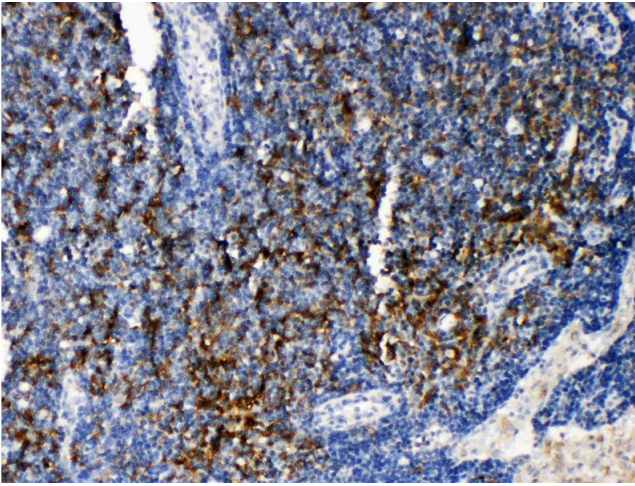
Expiry Date: 12 months

## Images



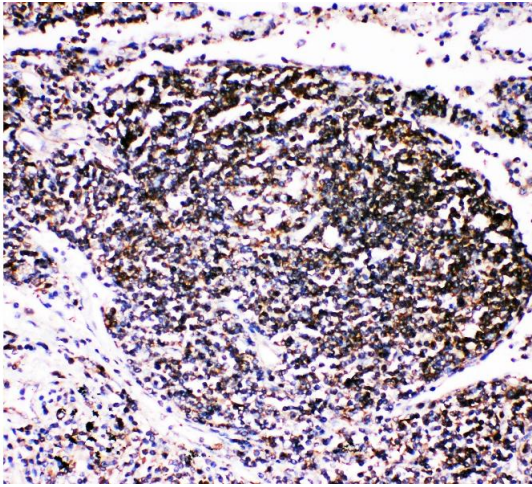
### Western Blotting

**Image 1.** Anti-TRAF4 antibody, Western blotting Lane 1: Rat Thymus Tissue Lysate Lane 2: HELA Cell Lysate Lane 3: JURKAT Cell Lysate Lane 4: HEPA Cell Lysate



#### Immunohistochemistry

**Image 2.** Anti-TRAF4 antibody, IHC(P) IHC(P): Rat Lymphonodus Tissue



#### Immunohistochemistry

**Image 3.** Anti-TRAF4 antibody, IHC(P) IHC(P): Human Lung Cancer Tissue