

Datasheet for ABIN3044047
anti-TRAF2 antibody (Middle Region)



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3 Images

Overview

Quantity:	100 µg
Target:	TRAF2
Binding Specificity:	AA 305-325, Middle Region
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAF2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for TNF receptor-associated factor 2(TRAF2) detection. Tested with WB, IHC-P, ICC in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human TRAF2(305-325aa RQHRLDQDKIEALSSKVQQL E), different from the related rat and mouse sequences by one amino acid.
Sequence:	RQHRLDQDKI EALSSKVQQL E
Isotype:	IgG
Cross-Reactivity (Details):	Predicted Cross Reactivity: mouse No cross reactivity with other proteins. Predicted Cross Reactivity: Species predicted to be fit for the product based on sequence

Product Details

similarities.

Characteristics: Rabbit IgG polyclonal antibody for TNF receptor-associated factor 2(TRAF2) detection. Tested with WB, IHC-P, ICC in Human,Mouse,Rat.

Gene Name: TNF receptor-associated factor 2

Protein Name: TNF receptor-associated factor 2

Purification: Immunogen affinity purified.

Target Details

Target: TRAF2

Alternative Name: TRAF2 ([TRAF2 Products](#))

Background: TRAF2(TNF Receptor-Associated Factor 2), also called TRAP, is a protein that in humans is encoded by the TRAF2 gene. The protein encoded by this gene is a member of the TNF receptor(TNFR) associated factor(TRAF) protein family. TRAF2 is a common signal transducer for TNFR2 and CD40 that mediates activation of NF-kappa-B. Rothe et al.(1996) identified ITRAF, which binds to TRAF1, TRAF2, and TRAF3, and that when overexpressed inhibits TRAF2-mediated NF-kappa-B activation. They proposed that ITRAF is an inhibitor of TRAF function that regulates TRAF protein activity by sequestering TRAFs in a latent state in the cytoplasm. Kanamori et al.(2002) found that mouse Traf2 interacted directly with T2bp, and they presented evidence that T2BP is involved in TNF-mediated signaling by its interaction with TRAF2.

Synonyms: E3 ubiquitin-protein ligase TRAF2 antibody|MGCC: 45012

antibody|OTTHUMP00000022625 antibody|OTTHUMP00000064745 antibody|TNF receptor associated factor 2 antibody|TNF receptor-associated factor 2 antibody|TNF receptor-associated protein antibody|TRAF 2 antibody|TRAF2 antibody|TRAF2_HUMAN antibody|TRAP 3 antibody|TRAP antibody|TRAP3 antibody|Tumor necrosis factor type 2 receptor associated protein 3 antibody|Tumor necrosis factor type 2 receptor-associated protein 3 antibody

UniProt: [Q12933](#)

Pathways: [NF-kappaB Signaling](#), [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Positive Regulation of Endopeptidase Activity](#), [Hepatitis C](#), [Unfolded Protein Response](#), [S100 Proteins](#)

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat, Predicted Species: Mouse, The detection limit for TRAF2 is approximately 1 ng/lane under reducing conditions.

IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Predicted Species: Mouse, Rat, 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.

ICC: Concentration: 0.5-1 µg/mL, Tested Species: Human

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) and ICC.

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 Na₂HPO₄, 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.

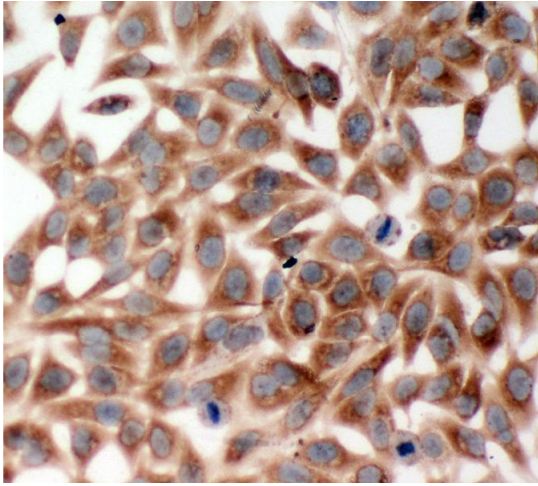
Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: At -20°C for one year. After reconstitution, at 4°C for one month.

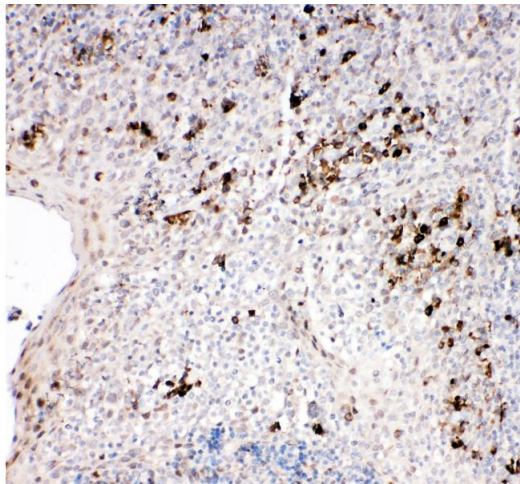
It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Expiry Date: 12 months



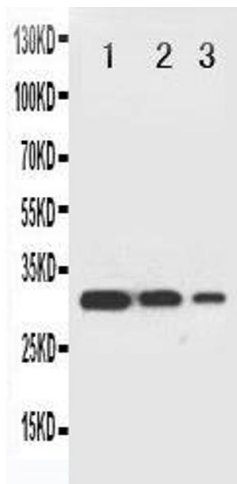
Immunohistochemistry

Image 1. Anti-TRAF2 antibody, ICC ICC: HELA Cell



Immunohistochemistry

Image 2. Anti-TRAF2 antibody, IHC(P) IHC(P): Human Tonsil Tissue



Western Blotting

Image 3.