Datasheet for ABIN501022

anti-TRAF2 antibody (N-Term)

2 Images

Go to Product page

Overview

Quantity:	0.1 mg
Target:	TRAF2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAF2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	TRAF2 antibody was raised against a 16 amino acid peptide from near the amino terminus of human TRAF2.
Isotype:	IgG
Specificity:	This antibody detects TRAF2 N-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Peptide afiinity chromatography

Target Details

Target:	TRAF2

Target Details

Alternative Name:	TRAF2 / TRAP3 (TRAF2 Products)
Background:	Tumor necrosis factor (TNF) receptor associated factors (TRAFs) were initially discovered as adaptor proteins that link the TNF receptor superfamily to signaling pathways and are thus important regulators of cell death and cellular response to stress (1). TRAF proteins share a homology region that allows them to bind to cell receptors and other TRAF proteins, causing the activation of different signal cascades depending on the TRAFs involved. For example, TRAF2 and TRAF3 directly bind to the CD40, a NF receptor superfamily member involved in inducing B cell immunity (2), and are critical for NF-kappaB activation in mouse B lymphocytes (3). TRAF2 along with TRAF6 has also been shown to be required for CD40 signaling in nonhemopoietic cells (4). TRAF2 also interacts with the TRFR superfamily member lymphotoxin-b receptor (LTbR) in association with TRAF3 and the apoptosis inhibitors cIAP1 and Smac (5).Synonyms: TNF receptor-associated factor 2, Tumor necrosis factor type 2 receptor-associated protein 3
Gene ID:	7186
NCBI Accession:	NP_066961
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:	ELISA. Western blot: 0.5 - 1 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

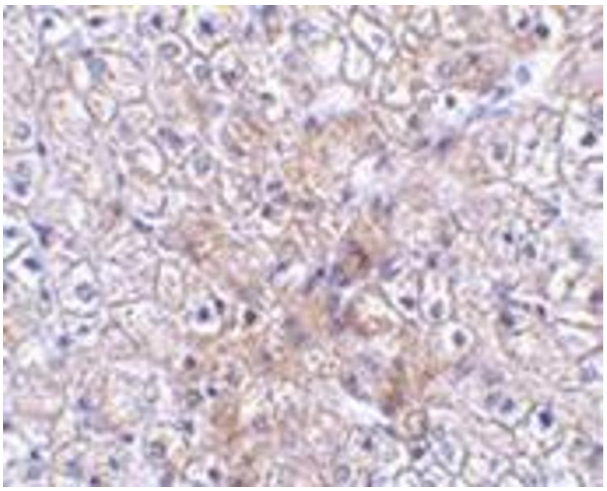
Handling

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.

Handling

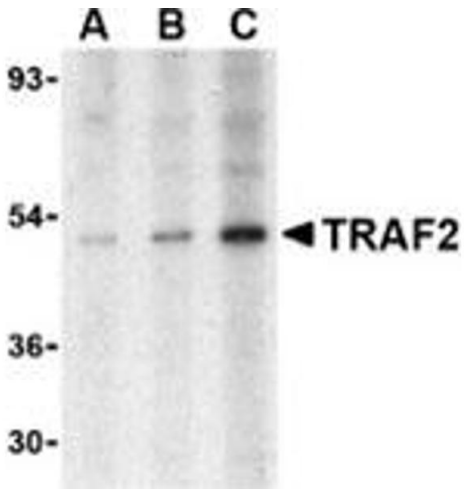
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of TRAF2 in human liver tissue with this product at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of TRAF2 in human liver tissue lysate with this product at (A) 0.5, (B) 1 and (C) 2 µg/ml.