

Datasheet for ABIN501028  
**anti-TRAF6 antibody (C-Term)**



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2 Images

## Overview

Quantity:	0.1 mg
Target:	TRAF6
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAF6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	TRAF6 antibody was raised against a peptide corresponding to 14 amino acids near the C-terminus of human TRAF6.
Isotype:	IgG
Specificity:	This antibody detects TRAF6 / RNF85 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Ion exchange chromatography

## Target Details

Target:	TRAF6
Alternative Name:	TRAF6 / RNF85 ( <a href="#">TRAF6 Products</a> )

## Target Details

**Background:** Signals from the IL-1 receptor (IL-1R)/Toll-like receptor (TLR) and TNF receptor (TNFR) superfamilies are critical for regulating the function of antigen-presenting cells. Signals transduced by these molecules lead to increased expression and activation of transcription factors such as NF- $\kappa$ B (1,2). TNF receptor-associated factor 6 (TRAF6) is unique in that it is a signaling adapter molecule common to both families (3). TRAF6 is important in cytokine production, dendritic cell (DC) maturation, and the T cell stimulatory capacity of DCs in response to TLR and CD40 ligands (4). It can be activated in the IL-1R/TLR signaling pathway by IL-1 receptor-associated kinase 1 (IRAK-1) (5) or by other TLR adaptor molecules such as TRIF (6). Also, it has been shown that TRAF6 can interact directly with TNFR family members CD40 and RANK (7). Synonyms: Interleukin-1 signal transducer, RING finger protein 85, TNF receptor-associated factor 6

**Gene ID:** 7189

**NCBI Accession:** [NP\\_004611](#)

**Pathways:** [NF-kappaB Signaling](#), [TCR Signaling](#), [TLR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Tube Formation](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#), [Ubiquitin Proteasome Pathway](#)

## Application Details

**Application Notes:** ELISA. Western blot: 1 to 2  $\mu$ g/mL. Immunofluorescence.  
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.

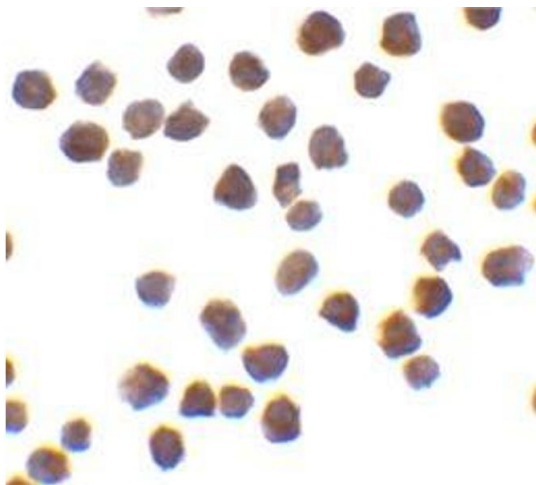
**Handling Advice:** Avoid repeated freezing and thawing.

**Storage:** 4 °C/-20 °C

## Handling

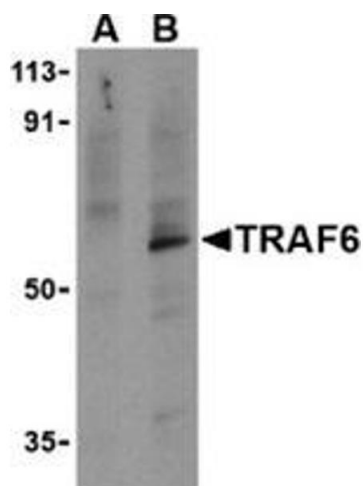
Storage Comment: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.

## Images



### Immunofluorescence

**Image 1.** Immunocytochemistry of TRAF6 in K562 cells with this product at 0.5 µg/ml.



### Western Blotting

**Image 2.** Western blot analysis of TRAF6 in PC-3 cell lysates with this product at 1 µg/ml in the presence (A) or absence (B) of 1 µg blocking peptide.