

Datasheet for ABIN2500630  
**anti-TRAF6 antibody (C-Term)**



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2 Images

## Overview

Quantity:	25 µL
Target:	TRAF6
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Pig, Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAF6 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human TRAF6
Sequence:	FGYVTFMHLE ALRQRTFIKD DTLLVRCEVS TRFDMGSLRR EGFQPRSTDA
Predicted Reactivity:	Cow: 100%, Horse: 100%, Human: 100%, Mouse: 91%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TRAF6. It was validated on Western Blot.

## Target Details

Target:	TRAF6
Alternative Name:	TRAF6 ( <a href="#">TRAF6 Products</a> )
Background:	TRAF6 is an E3 ubiquitin ligase that, together with UBE2N and UBE2V1, mediates the synthesis of 'Lys-63'-linked-polyubiquitin chains conjugated to proteins, such as IKBKG, AKT1 and AKT2. It

## Target Details

also mediates ubiquitination of free/unanchored polyubiquitin chain that leads to MAP3K7 activation. Leads to the activation of NF-kappa-B and JUN. It may be essential for the formation of functional osteoclasts. It seems to also play a role in dendritic cells (DCs) maturation and/or activation. It represses c-Myb-mediated transactivation, in B-lymphocytes. Adapter protein that seems to play a role in signal transduction initiated via TNF receptor, IL-1 receptor and IL-17 receptor. It regulates osteoclast differentiation by mediating the activation of adapter protein complex 1 (AP-1) and NF-kappa-B, in response to RANK-L stimulation.

Alias Symbols: MGC:3310, RNF85

Protein Interaction Partner: YES1, UBE2V1, UBE2N, UBE2L3, UBE2E1, UBE2D2, UBE2D1, POLI, UBC, IL1R1, EDARADD, PLEKHF2, LAT, TRAF3IP2, PPP4R1, USP2, IKBKG, TRAF6, TRAF5, TRAF2, TRAF1, CNTN2, SYK, VPS52, PSEN1, LGMN, MEOX2, MCL1, CANX, nef, TAB2, OTUD7A, GTF2I, KRAS, DCBLD2, MAP3K7, EIF

Protein Size: 522

Molecular Weight:	57 kDa
Gene ID:	7189
NCBI Accession:	<a href="#">NM_004620</a> , <a href="#">NP_004611</a>
UniProt:	<a href="#">Q9Y4K3</a>
Pathways:	<a href="#">NF-kappaB Signaling</a> , <a href="#">TCR Signaling</a> , <a href="#">TLR Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Tube Formation</a> , <a href="#">Hepatitis C</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Ubiquitin Proteasome Pathway</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

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 repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



90 kDa\_\_  
65 kDa\_\_  
40 kDa\_\_  
29 kDa\_\_  
22 kDa\_\_

Host: Rabbit  
Target Name: Traf6  
Sample Type: Mouse Pancreas Lysate  
Antibody Dilution: 1.0µg/ml

**Western Blotting**

**Image 1.** Host: Rabbit Target Name: TRAF6 Sample Tissue: Mouse Pancreas Antibody Dilution: 1ug/ml



90 kDa\_\_  
65 kDa\_\_  
40 kDa\_\_  
29 kDa\_\_  
22 kDa\_\_

Host: Rabbit  
Target Name: TRAF6  
Sample Tissue: PANC1 Cell Lysate  
Antibody Dilution: 1.0µg/ml

**Western Blotting**

**Image 2.** Host: Rabbit Target Name: TRAF6 Sample Type: PANC1 Whole Cell lysates Antibody Dilution: 3.0ug/ml