

Datasheet for ABIN738906  
**anti-TRAF6 antibody (AA 441-530)**[Go to Product page](#)[1 Image](#)[1 Publication](#)

## Overview

Quantity:	100 µL
Target:	TRAF6
Binding Specificity:	AA 441-530
Reactivity:	Human, Mouse, Rat, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAF6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse TRAF6
Isotype:	IgG
Cross-Reactivity:	Chicken, Human, Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

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

## Target Details

Background:	<p>Synonyms: AI851288, 2310003F17Rik, C630032O20Rik, TNF receptor-associated factor 6, E3 ubiquitin-protein ligase TRAF6, Traf6</p> <p>Background: E3 ubiquitin ligase that, together with UBE2N and UBE2V1, mediates the synthesis of 'Lys-63'-linked-polyubiquitin chains conjugated to proteins, such as IKBKG, IRAK1, AKT1 and AKT2. Also mediates ubiquitination of free/unanchored polyubiquitin chain that leads to MAP3K7 activation (By similarity). Leads to the activation of NF-kappa-B and JUN. May be essential for the formation of functional osteoclasts. Seems to also play a role in dendritic cells (DCs) maturation and/or activation. 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. Regulates osteoclast differentiation by mediating the activation of adapter protein complex 1 (AP-1) and NF-kappa-B, in response to RANK-L stimulation. Together with MAP3K8, mediates CD40 signals that activate ERK in B-cells and macrophages, and thus may play a role in the regulation of immunoglobulin production.</p>
Gene ID:	22034
UniProt:	<a href="#">P70196</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:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
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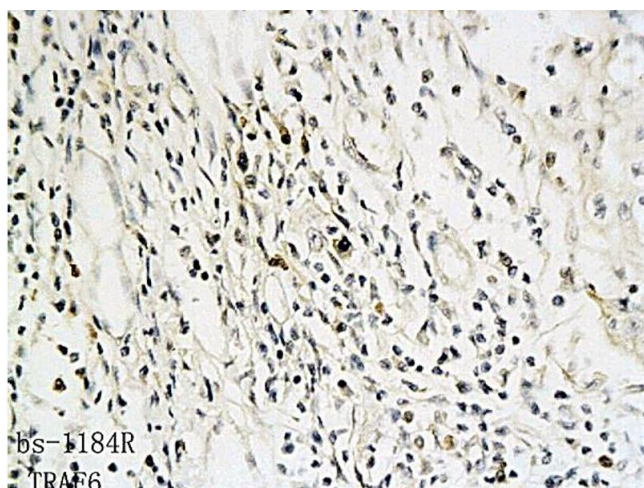
## Handling

Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## Publications

Product cited in: Li, Yu, Li, Liu, Jiao, Song, Lv, Qin: "Phycocyanin attenuates pulmonary fibrosis via the TLR2-MyD88-NF-κB signaling pathway." in: **Scientific reports**, Vol. 7, Issue 1, pp. 5843, (2017) ([PubMed](#)).

## Images



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded human oral squamous cell carcinoma labeled with Anti-TRAF6 Polyclonal Antibody, Unconjugated (ABIN738906) followed by conjugation to the secondary antibody and DAB staining