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Datasheet for ABIN918441

## anti-TRAF6 antibody (AA 441-530) (Alexa Fluor 647)

### 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 conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

#### 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> )
Background:	Synonyms: AI851288, 2310003F17Rik, C630032020Rik, TNF receptor-associated factor 6, E3

## Target Details

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ubiquitin-protein ligase TRAF6, Traf6

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.

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Gene ID: 22034

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UniProt: [P70196](#)

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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

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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## Handling

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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

## Publications

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Product cited in:	Qi, Pradipta, Li, Zhao, Lu, Fu, Wei, Hsung, Tanaka, Zhou: "Cinchonine induces apoptosis of HeLa and A549 cells through targeting TRAF6." in: <b>Journal of experimental &amp; clinical cancer research : CR</b> , Vol. 36, Issue 1, pp. 35, (2017) ( <a href="#">PubMed</a> ).
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