Datasheet for ABIN7384499

anti-TRAF6 antibody

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Overview

Quantity:	50 µL
Target:	TRAF6
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This TRAF6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Clone:	R05-2D6
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	TRAF6
Alternative Name:	TRAF6 (TRAF6 Products)
Background:	E3 ubiquitin-protein ligase TRAF6,Interleukin 1 signal transducer,Interleukin-1 signal transducer,MGC 3310,MGC:3310,MGC3310,OTTHUMP00000232772,OTTHUMP00000232773,RING finger protein 85,RNF 85,RNF85,TNF receptor associated factor 6,TNF receptor-associated factor 6,TNF receptor-associated factor 6,E3 ubiquitin protein ligase,TRAF 6,Traf6,TRAF6,The protein

Target Details

	encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins are associated with, and mediate signal transduction from, members of the TNF receptor superfamily. This protein mediates signaling from members of the TNF receptor superfamily as well as the Toll/IL-1 family. Signals from receptors such as CD40, TNFSF11/RANCE and IL-1 have been shown to be mediated by this protein. This protein also interacts with various protein kinases including IRAK1/IRAK, SRC and PKCzeta, which provides a link between distinct signaling pathways. This protein functions as a signal transducer in the NF-kappaB pathway that activates IkappaB kinase (IKK) in response to proinflammatory cytokines. The interaction of this protein with UBE2N/UBC13, and UBE2V1/UEV1A, which are ubiquitin conjugating enzymes catalyzing the formation of polyubiquitin chains, has been found to be required for IKK activation by this protein. This protein also interacts with the transforming growth factor (TGF) beta receptor complex and is required for Smad-independent activation of the JNK and p38 kinases. This protein has an amino terminal RING domain which is followed by four zinc-finger motifs, a central coiled-coil region and a highly conserved carboxyl terminal domain, known as the TRAF-C domain. Two alternatively spliced transcript variants, encoding an identical protein, have been reported.
Molecular Weight:	Observed_MW: 60kDa Calculated_MW: 60kDa
Gene ID:	7189
UniProt:	Q9Y4K3
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:	WB 1:500-1:1000
Restrictions:	For Research Use only

Handling

Concentration:	300 µg/mL
Buffer:	50 mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA

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.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.