Datasheet for ABIN2779328

anti-TRAF6 antibody (C-Term)

2 Images

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Overview

Quantity:	100 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 (TRAF6 Products)
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:	NM_004620, NP_004611
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:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

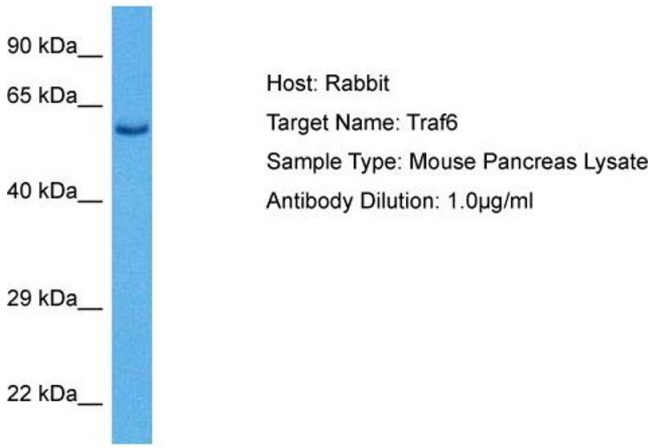
Handling

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

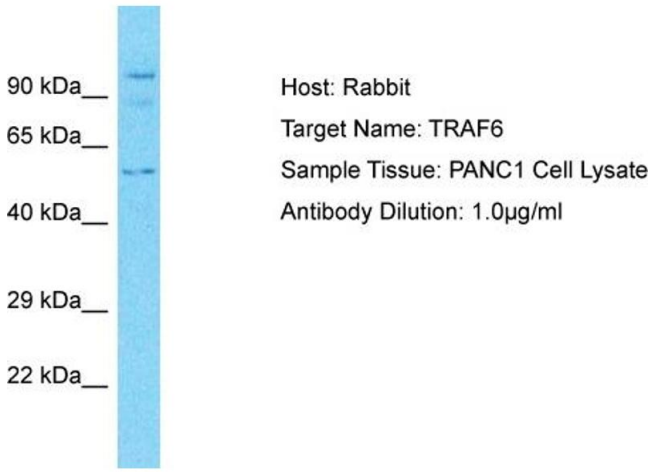
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

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



Western Blotting

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