Datasheet for ABIN6990488

anti-TAB2 antibody (C-Term)

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Overview

Quantity:	0.1 mg
Target:	TAB2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAB2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	TAB2 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human TAB2. The immunogen is located within the last 50 amino acids of TAB2.
Isotype:	IgG
Specificity:	TAB2 antibody is human specific. TAB2 antibody is predicted not to cross-react with other TAB proteins.
Purification:	TAB2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TAB2
Alternative Name:	TAB2 (TAB2 Products)

Target Details

Background:	TAB2 Antibody: TAB2 is an activator of MAP3K7/TAK1, which is required for for the IL-1 induced activation NF-kappaB and MAPK8/JNK. This protein forms a kinase complex with TRAF6, MAP3K7 and TAB1, thus serves as an adaptor linking MAP3K7 and TRAF6. This protein, TAB1, and MAP3K7 also participate in the signal transduction induced by TNFSF11/RANKL through the activation of the receptor activator of NF-kappaB (TNFRSF11A/RANK), which may regulate the development and function of osteoclasts. Recent experiments have shown that TAB2 and the related protein TAB3 constitutitvely interact with the autophagy mediator Beclin-1, upon induction of autophagy, these proteins dissociate from Beclin-1 and bind TAK1. Overexpression of TAB2 and TAB3 inhibit autophagy, while their depletion triggers it, suggesting that TAB2 and TAB3 act as a control point for autophagy.
Gene ID:	23118
NCBI Accession:	NP_055908
UniProt:	Q9NYJ8
Pathways:	TCR Signaling, TLR Signaling, Fc-epsilon Receptor Signaling Pathway, Activation of Innate immune Response, Toll-Like Receptors Cascades, Ubiquitin Proteasome Pathway

Application Details

Application Notes:	TAB2 antibody can be used for detection of TAB2 by immunohistochemistry at 5 µ,g/mL. Antibody validated: Immunohistochemistry in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	TAB2 Antibody is supplied in PBS containing 0.02 % sodium azide.
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,4 °C

Handling

Storage Comment:	TAB2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.