

[Go to Product page](#)

Datasheet for ABIN6990489 **anti-TAB3 antibody (N-Term)**

Overview

Quantity:	0.1 mg
Target:	TAB3
Binding Specificity:	AA 40-90, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAB3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	TAB3 antibody was raised against a 13 amino acid synthetic peptide near the amino terminus of human TAB3. The immunogen is located within amino acids 40 - 90 of TAB3.
Isotype:	IgG
Specificity:	TAB3 antibody is human specific. TAB3 antibody is predicted not to cross-react with other TAB proteins.
Purification:	TAB3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TAB3
Alternative Name:	TAB3 (TAB3 Products)

Target Details

Background:	TAB3 Antibody: TAB3 functions in the NF-kappaB signal transduction pathway. It and the similar and functionally redundant protein TAB2, form a ternary complex with the protein kinase TAK1 and either TRAF2 or TRAF6 in response to stimulation with the pro-inflammatory cytokines TNF or IL-1. Subsequent TAK1 kinase activity triggers a signaling cascade leading to activation of the NF-kappaB transcription factor. Recent experiments have shown that TAB2 and the related protein TAB3 constitutively 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:	257397
NCBI Accession:	NP_690000
UniProt:	Q8N5C8
Pathways:	TLR Signaling , Fc-epsilon Receptor Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	TAB3 antibody can be used for detection of TAB3 by immunohistochemistry at 5 µg/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:	TAB3 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
Storage Comment:	TAB3 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.