

Datasheet for ABIN1449963
anti-TAB3 antibody (N-Term)



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Overview

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

Product Details

Immunogen:	13 amino acid synthetic peptide near the amino terminus of Human TAB3
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	TAB3
Alternative Name:	TAB3 / MAP3K7IP3 (TAB3 Products)
Background:	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

Target Details

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. Synonyms: Mitogen-activated protein kinase kinase kinase 7-interacting protein 3, NF-kappa-B-activating protein 1, TAK1-binding protein 3

Gene ID: 257397

NCBI Accession: [NP_690000](#)

Pathways: [TLR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % Sodium Azide as preservative

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 repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.