BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-TAB3 Antibody

Catalog Number: A05084-1

About TAB3

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 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.

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Overview

Product Name	Anti-TAB3 Antibody
Reactive Species	Human
Description	Boster Bio Anti-TAB3 Antibody (Catalog # A05084-1). Tested in ELISA, IHC-P applications. This antibody reacts with Human.
Application	ELISA, IHC-P
Clonality	Polyclonal
Formulation	TAB3 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	TAB3 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q8N5C8

Technical Details

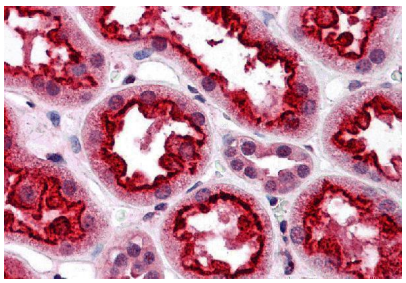
Immunogen	TAB3 antibody was raised against a 13 amino acid synthetic peptide near the amino terminus of human TAB3. The immunogen is located within amino acids 40 - 90 of TAB3.
Predicted Reactive Species	Mouse

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Cross Reactivity	TAB3 antibody is human specific. TAB3 antibody is predicted not to cross-react with other TAB proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TAB3 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TAB3 antibody can be used for detection of TAB3 by immunohistochemistry at 5 ug/mL. Antibody validated: Immunohistochemistry in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-TAB3 Antibody (A05084-1) Images



Immunohistochemistry of TAB3 in human kidney tissue with TAB3 antibody at 5 ug/mL.

Anti-TAB3 Antibody

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