antibodies

Datasheet for ABIN2733155 TAB1 Protein (Myc-DYKDDDDK Tag)

Image



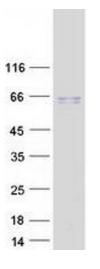
Overview

MAP3K7/TAK1, which is known to mediate various intracellular signaling pathways, such a those induced by TGF beta, interleukin 1, and WNT-1. This protein interacts and thus activa		
Origin:HumanSource:HEK-293 CellsProtein Type:RecombinantPurification tag / Conjugate:This TAB1 protein is labelled with Myc-DYKDDDDK Tag.Application:Antibody Production (AbP), Standard (STD)Product DetailsCharacteristics:Characteristics:• Recombinant human TAB1 / MAP3K7IP1 (transcript variant alpha) protein expressed in HEK293 cells. • Produced with end-sequenced ORF clonePurity:> 80 % as determined by SDS-PAGE and Coomassie blue stainingTarget DetailsTarget:Target:TAB1Alternative Name:Tab1,map3K7ip1 (TAB1 Products)Background:The protein encoded by this gene was identified as a regulator of the MAP kinase kinase kin MAP3K7/TAK1, which is known to mediate various intracellular signaling pathways, such a those induced by TGF beta, interleukin 1, and WNT-1. This protein interacts and thus activation	Quantity:	20 µg
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	Background:	The protein encoded by this gene was identified as a regulator of the MAP kinase kinase kinase MAP3K7/TAK1, which is known to mediate various intracellular signaling pathways, such as those induced by TGF beta, interleukin 1, and WNT-1. This protein interacts and thus activates TAK1 kinase. It has been shown that the C-terminal portion of this protein is sufficient for

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Target Details

	binding and activation of TAK1, while a portion of the N-terminus acts as a dominant-negative inhibitor of TGF beta, suggesting that this protein may function as a mediator between TGF beta receptors and TAK1. This protein can also interact with and activate the mitogen-activated protein kinase 14 (MAPK14/p38alpha), and thus represents an alternative activation pathway, in addition to the MAPKK pathways, which contributes to the biological responses of MAPK14 to various stimuli. Alternatively spliced transcript variants encoding distinct isoforms have been
	reported.
Molecular Weight:	54.5 kDa
NCBI Accession:	NP_006107
Pathways:	TLR Signaling, Fc-epsilon Receptor Signaling Pathway, Activation of Innate immune Response, Toll-Like Receptors Cascades
Application Details	
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot

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