Product Datasheet

Anti-TAB1 Rabbit pAb

WL04764

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-TAB1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:2000
	IHC	1:500
	IF	1:500
Cellular localization	Secreted and Cell membrane	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

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 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.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of TAB1.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

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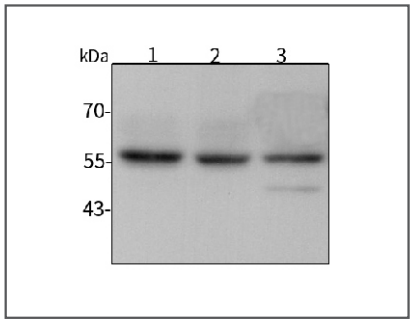
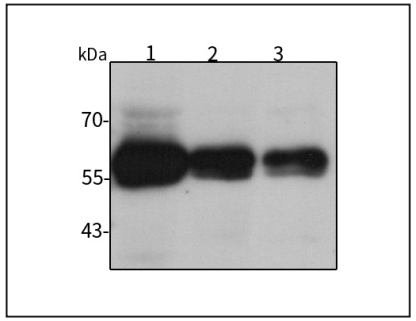
Product Images



Western blot-Anti-TAB1 pAb

Lane 1: Human Hela cell lysate
Lane 1: Human HEK-293 cell lysate
Lane 1: Human HCT116 cell lysate
Lane 1: Human A549 cell lysate
All lanes: Anti-TAB1 at 1:2000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 55 kDa
Observed band size: 55 kDa



Western blot-Anti-TAB1 pAb

Lane 1: Mouse lung tissue lysate
Lane 2: Rat colon tissue lysate
Lane 3: Rat stomach tissue lysate
All lanes: Anti-TAB1 at 1:2000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 55 kDa
Observed band size: 55 kDa

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