

TAB1 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA1181
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant human TAB1 (N-terminus) protein fragments expressed in E.coli.
Mol wt	N/A
Species reactivity	Human,Mouse,Rat,Bovine,Dog,Pig
Clonality	Monoclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	TGF-beta-activated kinase 1 and MAP3K7-binding protein 1
Synonyms	TAB1; MAP3K7IP1; TGF-beta-activated kinase 1 and MAP3K7-binding protein 1; Mitogen-activated protein kinase kinase kinase 7-interacting protein 1; TGF-beta-activated kinase 1-binding protein 1; TAK1-binding protein 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

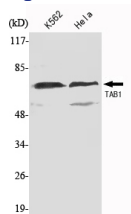
The protein encoded by this gene was identified as a regulator of the MAP kinase kinase kinase MAP3K7/TAK1, which is known to mediate various intracellular signaling pathways, such as those induced by TGF beta, interleukin 1, and WNT-1. This protein interacts and thus activates TAK1 kinase. It has been 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 tr

Recommended Dilution

WB: 1:1000 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using TAB1 Monoclonal antibody against K562. HeLa cell lysate.

Storage

-20°C for one year