



# TAB1(N-term) mouse mAb

<b>Catalog No</b>	YP-Ab-03459
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	WB
<b>Gene Name</b>	tab1
<b>Protein Name</b>	
<b>Immunogen</b>	Purified recombinant human TAB1(N-terminus) protein fragments expressed in E.coli.
<b>Specificity</b>	This antibody detects endogenous levels of TAB1(N-terminus) and does not cross-react with related proteins.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	wb 1:1000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	2310012M03Rik;3'-Tab1;MAP3K7IP 1;MAP3K7IP1;MGC57664;Mitogen activated protein kinase kinase kinase 7 interacting protein 1;Mitogen-activated protein kinase kinase kinase 7-interacting protein 1;TAB 1;TAB1;TAB1_HUMAN;TAK1 binding protein 1;TAK1-binding protein 1;TGF beta activated kinase 1 binding protein 1;TGF-beta activated kinase 1/MAP3K7 binding protein 1;TGF-beta-activated kinase 1 and MAP3K7-binding protein 1;TGF-beta-activated kinase 1-binding protein 1;Transforming growth factor beta activated kinase binding protein 1.
<b>Observed Band</b>	55kD
<b>Cell Pathway</b>	nucleoplasm,cytoplasm,cytosol,endosome membrane,protein complex,
<b>Tissue Specificity</b>	Ubiquitous.
<b>Function</b>	function:May be an important signaling intermediate between TGFB receptors and MAP3K7/TAK1. May play an important role in mammalian embryogenesis.,similarity:Contains 1 PP2C-like domain.,subunit:Interacts with MAP3K7, XIAP and BIRC7.,tissue specificity:Ubiquitous.,

**Background**

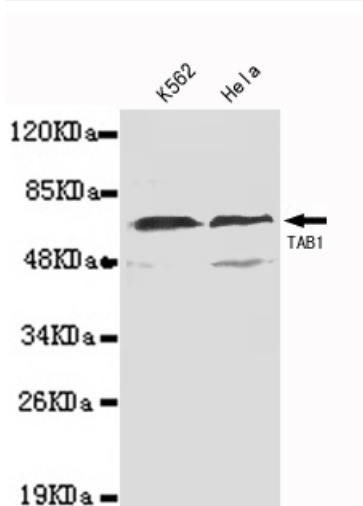
The protein encoded by this gene was identified as a regulator of the MAP kinase kinase kinase MAP3K7/TAK1, which is known to mediate various intracellular signaling pathways, such as those induced by TGF beta, interleukin 1, and WNT-1. This protein interacts and thus activates TAK1 kinase. It has been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

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western blot detection of TAB1(N-terminus) in K562 and HeLa lysates using TAB1(N-terminus) mouse mAb (1:1000 diluted). Predicted band size: 55KDa. Observed band size: 55KDa.