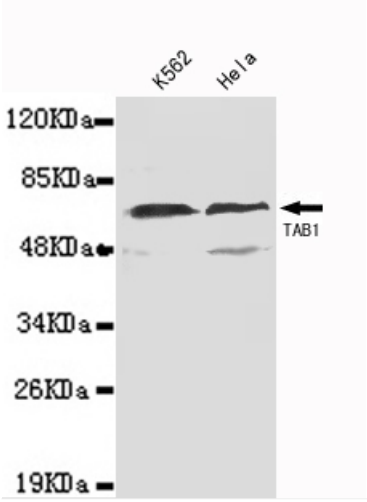
TAB1(N-term) mouse mAb

Catalog No	BYab-03459
Isotype	IgG
Reactivity	Human
Applications	WB
Gene Name	tab1
Protein Name	
Immunogen	Purified recombinant human TAB1(N-terminus) protein fragments expressed in E.coli.
Specificity	This antibody detects endogenous levels of TAB1(N-terminus) and does not cross-react with related proteins.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution	wb 1:1000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	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.
Observed Band	55kD
Cell Pathway	nucleoplasm,cytoplasm,cytosol,endosome membrane,protein complex,
Tissue Specificity	Ubiquitous.
Function	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.