TAB1(N-terminus) Antibody
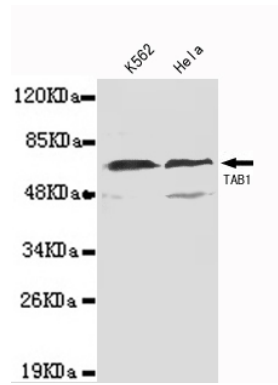
E2200587

Catalog Number:	E2200587
Size:	100ug
Host:	Mouse
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50%,glycerol
Sensitivity:	This antibody detects endogenous levels TAB1(N-terminus) and does not cross-react with related proteins.
Entrez summary:	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
UniPort summary Function:	May be an important signaling intermediate between TGFB receptors and MAP3K7/TAK1. May play an important role in mammalian embryogenesis
Immunogen:	Purified recombinant human TAB1(N-terminus) protein fragments expressed in E.coli.
Antibody Type:	Monoclonal antibody
Isotype:	null
Purified method:	Affinity purified
Subcellular location:	null
Reactivity:	H
Applications:	WB
Molecular Weight:	55kDa
UniProt number:	Q15750
GeneBank ID:	NM_006116
Gene symbol:	3´-Tab1; MAP3K7IP1
Alternate names:	3´-Tab1; MAP3K7IP1

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Western blot detection of TAB1(N-terminus) antibody in K562&Hela lysates using TAB1(N-terminus) antibody (1:1000 diluted). Predicted band size: 55KDa Observed band size: 55KDa.

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