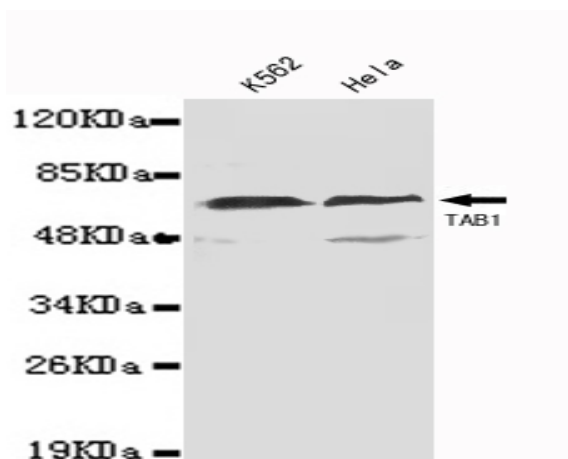


TAB1(N-term) mouse mAb

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|------------------------------|--|
| Catalog No : | YM1302 |
| Reactivity : | Human |
| Applications : | WB |
| Target : | TAB1(N-term) |
| Fields : | >>MAPK signaling pathway;>>NF-kappa B signaling pathway;>>Osteoclast differentiation;>>Toll-like receptor signaling pathway;>>NOD-like receptor signaling pathway;>>TNF signaling pathway;>>Alcoholic liver disease;>>Pathogenic Escherichia coli infection;>>Shigellosis;>>Salmonella infection;>>Yersinia infection;>>Leishmaniasis;>>Toxoplasmosis;>>Hepatitis B;>>Herpes simplex virus 1 infection;>>Epstein-Barr virus infection;>>Human immunodeficiency virus 1 infection;>>Lipid and atherosclerosis |
| Gene Name : | tab1 |
| Human Gene Id : | 10454 |
| Human Swiss Prot No : | Q15750 |
| Mouse Swiss Prot No : | Q8CF89 |
| 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 |
| Dilution : | wb 1:1000 |
| Purification : | The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen. |

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| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Observed Band : | 55kD |
| Cell Pathway : | MAPK_ERK_Growth;MAPK_G_Protein;Toll_Like;NOD-like receptor; |
| Background : | <p>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</p> |
| Function : | <p>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.,</p> |
| Subcellular Location : | nucleoplasm,cytoplasm,cytosol,endosome membrane,protein complex, |
| Expression : | Ubiquitous. |

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.