

CAB9437

Product Information

Product SKU:	CAB9437	Gene ID:	6885	Size:	20uL, 100uL
Clone No:	ARC2714	Host Species:	Rabbit	Reactivity:	Mouse

Additional Information

Observed MW:	75kDa	Conjugate:	Unconjugated
Calculated MW:	67kDa	Isotype:	IgG

Immunogen Information

Background: The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase mediates the signaling transduction induced by TGF beta and morphogenetic protein (BMP), and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1, this protein forms a kinase complex including TRAF6, MAP3K7P1/TAB1 and MAP3K7P2/TAB2; this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK, MAP2K4/MKK4, and thus plays a role in the cell response to environmental stresses. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.

Recommended Dilution: WB, 1:500 - 1:1000

Synonyms: CSCF; FMD2; TAK1; MEKK7; TGF1a; Phospho-TAK1-S439

Purification Method: Affinity purification

Immunogen: A synthetic phosphorylated peptide around S439 of human TAK1 (O43318).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.