

CAB3695

Product Information

Product SKU:	CAB3695	Gene ID:	4215	Size:	20uL, 100uL
Clone No:	ARC2074	Host Species:	Rabbit	Reactivity:	Human,Mouse

Additional Information

Observed MW:	78kDa	Conjugate:	Unconjugated
Calculated MW:	71kDa	Isotype:	IgG

Immunogen Information

Background:	This gene product is a 626-amino acid polypeptide that is 96.5% identical to mouse Mekk3. Its catalytic domain is closely related to those of several other kinases, including mouse Mekk2, tobacco NPK, and yeast Ste11. Northern blot analysis revealed a 4.6-kb transcript that appears to be ubiquitously expressed. This protein directly regulates the stress-activated protein kinase (SAPK) and extracellular signal-regulated protein kinase (ERK) pathways by activating SEK and MEK1/2 respectively; it does not regulate the p38 pathway. In cotransfection assays, it enhanced transcription from a nuclear factor kappa-B (NFkB)-dependent reporter gene, consistent with a role in the SAPK pathway. Alternatively spliced transcript variants encoding distinct isoforms have been observed.
Recommended Dilution:	WB,1:500 - 1:2000
Synonyms:	MEKK3; MAPKKK3
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MEKK3 (Q99759).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.