

MEK4 (F194)Rabbit pAb

Cat No: HR1APEA362

For research use only

Overview

Product Name	MEK4 (F194)Rabbit pAb
Source	Rabbit
Applications	WB
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	WB 1:1,000-2,000
Immunogen	
Species	Rabbit
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1mg/ml
Observed band	44kDa
GeneID?Human?	6416
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	JNK activating kinase 1, JNKK, JNKK1, MAP kinase kinase 4, MAP2K4, MAPK/ERK kinase 4, MAPKK 4, MAPKK4, MKK4, PRKMK4, SAPK/ERK kinase 1, SEK1, SERK1
Background	SAPK/Erk kinase (SEK1), also known as MEK4 or MKK4 or Jun kinase kinase (JNKK), activates the MAP kinase homologues SAPK and JNK in response to various cellular stresses and inflammatory cytokines . Activation of SEK1 occurs through MEKK phosphorylation of serine and threonine residues at positions 257 and 261, respectively. Like MEK, SEK is a dual-specificity protein kinase that phosphorylates SAPK/JNK at a conserved T*PY* site in its activation loop . Phosphorylation by Akt at Ser80 inhibits SEK1 and suppresses stress-activated signal transduction .