

产品名称: MEK-4 Rabbit Polyclonal Antibody
产品货号: AP Rab13806



产品概述 (Summary)

产品名称 (Production Name)	MEK-4 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MAP2K4 MAP2K4; JNKK1; MEK4; MKK4; PRKMK4; SEK1; SERK1; SKK1; Dual specificity mitogen-activated protein kinase kinase 4; MAP kinase kinase 4; MAPKK 4; JNK-activating kinase 1; MAPK/ERK kinase 4; MEK 4; SAPK/ERK kinase 1; SEK1; Stress-activated pro
别名 (Alternative Names)	
基因 ID (Gene ID)	6416.0
蛋白 ID (SwissProt ID)	P45985.The antiserum was produced against synthesized peptide derived from human SEK1/MKK4. AA range:46-95

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
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蛋白分子量 (Molecular Weight) 44kDa

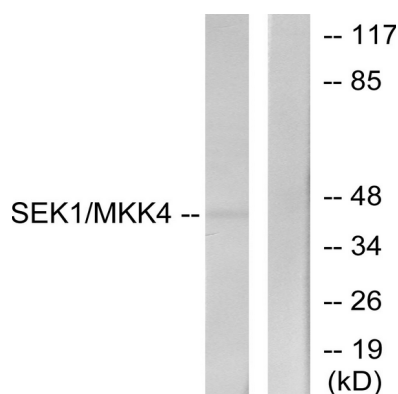
研究背景 (Background)

This gene encodes a member of the mitogen-activated protein kinase (MAPK) family. Members of this family act as an integration point for multiple biochemical signals and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation, and development. They form a three-tiered signaling module composed of MAPKKKs, MAPKKs, and MAPKs. This protein is phosphorylated at serine and threonine residues by MAPKKKs and subsequently phosphorylates downstream MAPK targets at threonine and tyrosine residues. A similar protein in mouse has been reported to play a role in liver organogenesis. A pseudogene of this gene is located on the long arm of chromosome X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013], catalytic activity: ATP + a protein = ADP + a phosphoprotein., function: Dual specificity kinase that activates the JUN kinases MAPK8 (JNK1) and MAPK9 (JNK2) as well as MAPK14 (p38) but not MAPK1 (ERK2) or MAPK3 (ERK1), PTM: Activated by phosphorylation on Ser/Thr by MAP kinase kinase kinases., similarity: Belongs to the protein kinase superfamily., similarity: Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase subfamily., similarity: Contains 1 protein kinase domain., subunit: Interacts with SPAG9., tissue specificity: Abundant expression is seen in the skeletal muscle. It is also widely expressed in other tissues.,

研究领域 (Research Area)

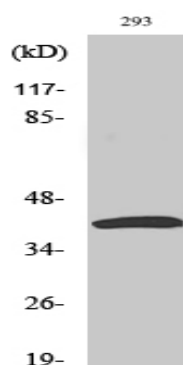
Regulates Angiogenesis; Stem cell pathway; Regulation of Actin Dynamics; Toll_Like; Cell Growth; ErbB/HER; B Cell Receptor; MAPK_ERK_Growth; MAPK_G_Protein

图片 (Image Data)



Western blot analysis of lysates from NIH/3T3 cells, using SEK1/MKK4 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using MEK-4 Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .