

产品名称: MEK Kinase-1 (phospho Thr1402) Rabbit Polyclonal Antibody
产品货号: APRab04999



产品概述 (Summary)

产品名称 (Production Name)	MEK Kinase-1 (phospho Thr1402) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
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)	MAP3K1
别名 (Alternative Names)	MAP3K1; MAPKKK1; MEKK; MEKK1; Mitogen-activated protein kinase kinase kinase 1; MAPK/ERK kinase kinase 1; MEK kinase 1; MEKK 1
基因 ID (Gene ID)	4214.0
蛋白 ID (SwissProt ID)	Q13233.The antiserum was produced against synthesized peptide derived from human MAP3K1 around the phosphorylation site of Thr1402. AA range:1368-1417

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
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蛋白分子量 (Molecular Weight) 160kDa

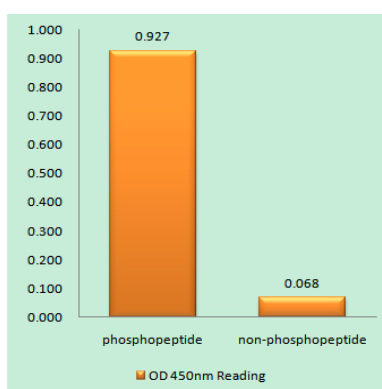
研究背景 (Background)

The protein encoded by this gene is a serine/threonine kinase and is part of some signal transduction cascades, including the ERK and JNK kinase pathways as well as the NF-kappa-B pathway. The encoded protein is activated by autophosphorylation and requires magnesium as a cofactor in phosphorylating other proteins. This protein has E3 ligase activity conferred by a plant homeodomain (PHD) in its N-terminus and phospho-kinase activity conferred by a kinase domain in its C-terminus. [provided by RefSeq, Mar 2012], catalytic activity: ATP + a protein = ADP + a phosphoprotein., cofactor: Magnesium., enzyme regulation: Activated by autophosphorylation on Thr-1400 and Thr-1412 following oligomerization., function: Component of a protein kinase signal transduction cascade. Activates the ERK and JNK kinase pathways by phosphorylation of MAP2K1 and MAP2K4. Activates CHUK and IKBKB, the central protein kinases of the NF-kappa-B pathway., PTM: Autophosphorylated., similarity: Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily., similarity: Contains 1 protein kinase domain., similarity: Contains 1 RING-type zinc finger., similarity: Contains 1 SWIM-type zinc finger., subunit: Binds both upstream activators and downstream substrates in multimolecular complexes through its N-terminus. Oligomerizes after binding MAP4K2 or TRAF2. Interacts with AXIN1.,

研究领域 (Research Area)

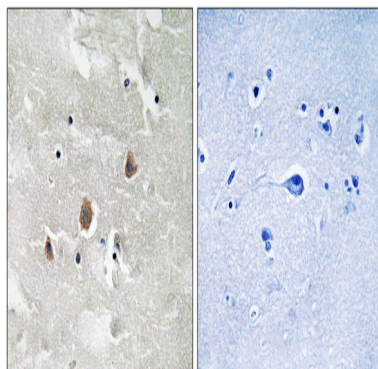
SAPK_JNK; Regulation of Actin Dynamics; Cell Growth; Stem cell pathway; MAPK_ERK_Growth; MAPK_G_Protein; B Cell Receptor

图片 (Image Data)

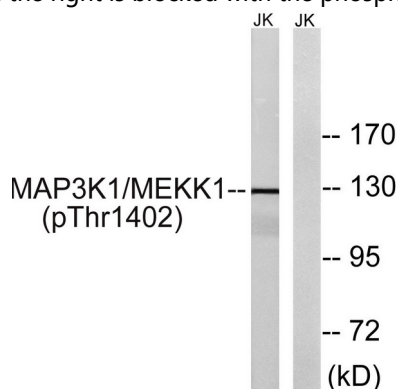


Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using MAP3K1 (Phospho-Thr1402) Antibody

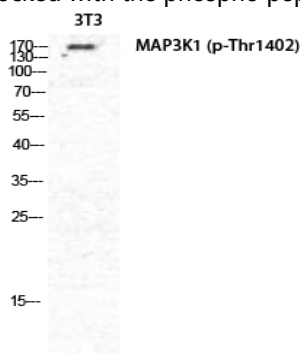
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Immunohistochemistry analysis of paraffin-embedded human brain, using MAP3K1 (Phospho-Thr1402) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from Jurkat cells, using MAP3K1 (Phospho-Thr1402) Antibody. The lane on the right is blocked with the phospho peptide.



Western Blot analysis of NIH-3T3 cells using Phospho-MEK Kinase-1 (T1402) Polyclonal Antibody diluted at 1: 2000

注意事项 (Note)

For research use only .