

产品名称: MEK Kinase-3 Rabbit Polyclonal Antibody  
产品货号: APRab13793



## 产品概述 (Summary)

产品名称 (Production Name)	MEK Kinase-3 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

## 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)	MAP3K3
别名 (Alternative Names)	MAP3K3; MAPKKK3; MEKK3; Mitogen-activated protein kinase kinase kinase 3; MAPK/ERK kinase kinase 3; MEK kinase 3; MEKK 3
基因 ID (Gene ID)	4215.0
蛋白 ID (SwissProt ID)	Q99759.The antiserum was produced against synthesized peptide derived from human MAP3K3. AA range:101-150

## 产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	71kDa

产品名称: MEK Kinase-3 Rabbit Polyclonal Antibody  
产品货号: APRab13793



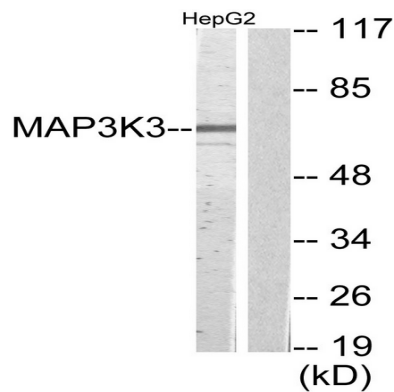
## 研究背景 (Background)

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. [provided by RefSeq, Jul 2008],catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Thr-530.,function:Component of a protein kinase signal transduction cascade. Mediates activation of the NF-kappa-B, AP1 and DDIT3 transcriptional regulators.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.,similarity:Contains 1 OPR domain.,similarity:Contains 1 protein kinase domain.,subunit:Binds both upstream activators and downstream substrates in multimolecular complexes. Part of a complex with MAP2K3, RAC1 and CCM2. Interacts with MAP2K5 and SPAG9.,

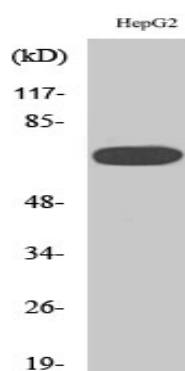
## 研究领域 (Research Area)

Regulation of Actin Dynamics; SAPK\_JNK; Cell Growth; Stem cell pathway; B Cell Receptor

## 图片 (Image Data)



产品名称: MEK Kinase-3 Rabbit Polyclonal Antibody  
产品货号: APRab13793



Western Blot analysis of various cells using MEK Kinase-3 Polyclonal Antibody diluted at 1: 2000

### 注意事项 (Note)

For research use only .