

产品名称: Mnk1 Rabbit Polyclonal Antibody
产品货号: AP Rab14008



产品概述 (Summary)

产品名称 (Production Name)	Mnk1 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)	MKNK1 MKNK1; MNK1; MAP kinase-interacting serine/threonine-protein kinase 1;
别名 (Alternative Names)	MAP kinase signal-integrating kinase 1; MAPK signal-integrating kinase 1; Mnk1
基因 ID (Gene ID)	8569.0
蛋白 ID (SwissProt ID)	Q9BUB5.The antiserum was produced against synthesized peptide derived from human MKNK1. AA range:111-160

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 1:10000-1:20000
蛋白分子量 (Molecular Weight)	51kDa

产品名称: Mnk1 Rabbit Polyclonal Antibody
产品货号: APRab14008



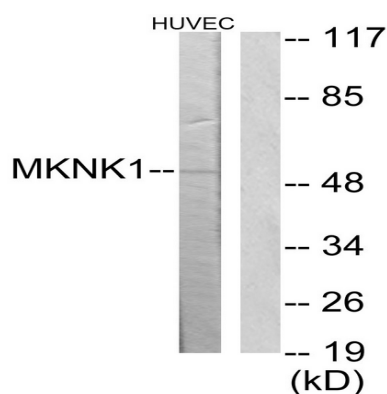
研究背景 (Background)

MAP kinase interacting serine/threonine kinase 1(MKNK1) Homo sapiens This gene encodes a Ser/Thr protein kinase that interacts with, and is activated by ERK1 and p38 mitogen-activated protein kinases, and thus may play a role in the response to environmental stress and cytokines. This kinase may also regulate transcription by phosphorylating eIF4E via interaction with the C-terminal region of eIF4G. Alternatively spliced transcript variants have been noted for this gene. [provided by RefSeq, Jan 2012],catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Phosphorylated and activated by the p38 kinases and kinases in the Erk pathway.,function:May play a role in the response to environmental stress and cytokines. Appears to regulate transcription by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine-containing mRNA cap.,PTM: Dual phosphorylation of Thr-250 and Thr-255 activates the kinase. Phosphorylation of Thr-385 activates the kinase.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with the C-terminal regions of EIF4G1 and EIF4G2. Also binds to dephosphorylated ERK1 and ERK2, and to the p38 kinases.,tissue specificity:Ubiquitous.,

研究领域 (Research Area)

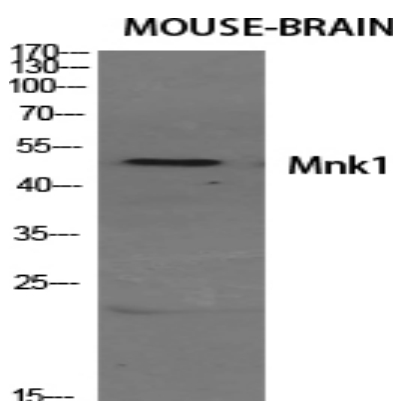
MAPK_ERK_Growth;MAPK_G_Protein;Insulin_Receptor;

图片 (Image Data)

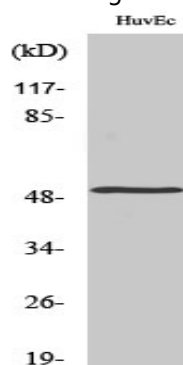


Western blot analysis of lysates from HUVEC cells, using MKNK1 Antibody. The lane on the right is blocked with the synthesized peptide.

产品名称: Mnk1 Rabbit Polyclonal Antibody
产品货号: AP Rab14008



Western Blot analysis of various cells using Mnk1 Polyclonal Antibody diluted at 1: 500



Western Blot analysis of HuvEc cells using Mnk1 Polyclonal Antibody diluted at 1: 500

注意事项 (Note)

For research use only .