

产品名称: 3pK Rabbit Polyclonal Antibody
产品货号: AP Rab06320



产品概述 (Summary)

产品名称 (Production Name)	3pK 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)	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)	MAPKAPK3 MAPKAPK3; MAP kinase-activated protein kinase 3; MAPK-activated protein kinase 3; MAPKAP kinase 3; MAPKAP-K3; MAPKAPK-3; MK-3; Chromosome 3p kinase; 3pK
别名 (Alternative Names)	
基因 ID (Gene ID)	7867.0
蛋白 ID (SwissProt ID)	Q16644.The antiserum was produced against synthesized peptide derived from human MAPK3. AA range:301-350

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)	42kDa

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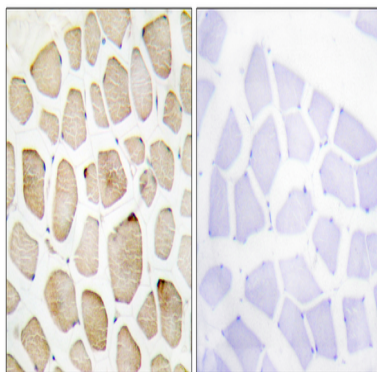
研究背景 (Background)

This gene encodes a member of the Ser/Thr protein kinase family. This kinase functions as a mitogen-activated protein kinase (MAP kinase)- activated protein kinase. MAP kinases are also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This kinase was shown to be activated by growth inducers and stress stimulation of cells. In vitro studies demonstrated that ERK, p38 MAP kinase and Jun N-terminal kinase were all able to phosphorylate and activate this kinase, which suggested the role of this kinase as an integrative element of signaling in both mitogen and stress responses. This kinase was reported to interact with, phosphorylate and repress the activity of E47, which is a basic helix-loop-helix transcription factor known to be involved in the regulation of tissue-specific gene expression and catalytic activity: ATP + a protein = ADP + a phosphoprotein., function: Modulator of polycomb-mediated repression, which can be activated either by ERK, p38 and JNK. Substrate of CSBP. In vitro, phosphorylates HSPB1, BMI1/PCGF4 and TCF3., similarity: Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family., similarity: Contains 1 protein kinase domain., subcellular location: Predominantly located in the nucleus, when activated it translocates to the cytoplasm., subunit: Interacts with TCF3 and with polycomb proteins, such as PCH2 and BMI1/PCGF4., tissue specificity: Widely expressed, with a higher expression level observed in heart and skeletal muscle. No expression in brain.,

研究领域 (Research Area)

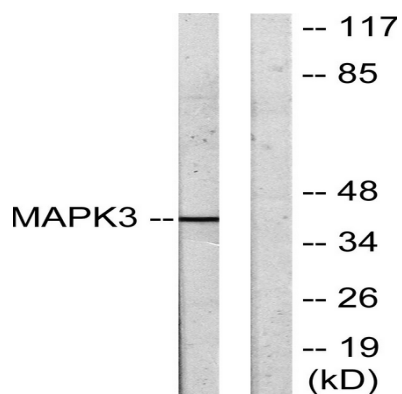
MAPK_ERK_Growth; MAPK_G_Protein; VEGF;

图片 (Image Data)

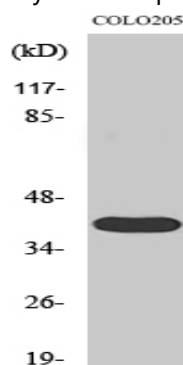


Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue, using MAPK3 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from COLO205 cells, using MAPK3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using 3pK Polyclonal Antibody

注意事项 (Note)

For research use only .