

产品名称: MKP-3 Rabbit Polyclonal Antibody
产品货号: APRab13934



产品概述 (Summary)

产品名称 (Production Name)	MKP-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,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)	DUSP6
别名 (Alternative Names)	DUSP6; MKP3; PYST1; Dual specificity protein phosphatase 6; Dual specificity protein phosphatase PYST1; Mitogen-activated protein kinase phosphatase 3; MAP kinase phosphatase 3; MKP-3
基因 ID (Gene ID)	1848.0
蛋白 ID (SwissProt ID)	Q16828.The antiserum was produced against synthesized peptide derived from human DUSP6. AA range:61-110

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

产品名称: MKP-3 Rabbit Polyclonal Antibody
产品货号: APRab13934



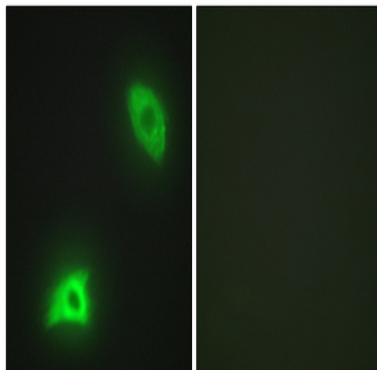
研究背景 (Background)

The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which are associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product inactivates ERK2, is expressed in a variety of tissues with the highest levels in heart and pancreas, and unlike most other members of this family, is localized in the cytoplasm. Mutations in catalytic activity: A phosphoprotein + H₂O = a protein + phosphate., catalytic activity: Protein tyrosine phosphate + H₂O = protein tyrosine + phosphate., function: Inactivates MAP kinases. Has a specificity for the ERK family., similarity: Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily., similarity: Contains 1 rhodanese domain., similarity: Contains 1 tyrosine-protein phosphatase domain.,

研究领域 (Research Area)

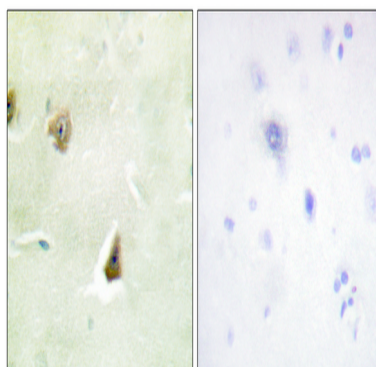
MAPK_ERK_Growth; MAPK_G_Protein;

图片 (Image Data)

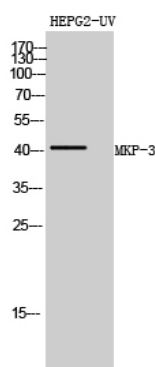


Immunofluorescence analysis of HeLa cells, using DUSP6 Antibody. The picture on the right is blocked with the synthesized peptide.

产品名称: MKP-3 Rabbit Polyclonal Antibody
产品货号: APRab13934



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using DUSP6 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of HEPG2-UV cells using MKP-3 Polyclonal Antibody diluted at 1 : 500

注意事项 (Note)

For research use only .