

产品名称: MKP-7 Rabbit Polyclonal Antibody
产品货号: APRab13937



产品概述 (Summary)

产品名称 (Production Name)	MKP-7 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)	DUSP16
别名 (Alternative Names)	DUSP16; KIAA1700; MKP7; Dual specificity protein phosphatase 16; Mitogen-activated protein kinase phosphatase 7; MAP kinase phosphatase 7; MKP-7
基因 ID (Gene ID)	80824.0
蛋白 ID (SwissProt ID)	Q9BY84.The antiserum was produced against synthesized peptide derived from human DUSP16. AA range:571-620

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 1:5000-1:20000
蛋白分子量 (Molecular Weight)	73kDa

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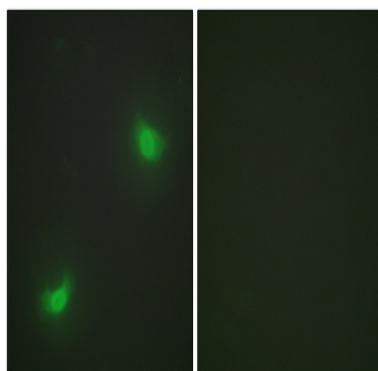
研究背景 (Background)

dual specificity phosphatase 16(DUSP16) Homo sapiens This gene encodes a mitogen-activated protein kinase phosphatase that 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. The encoded protein specifically regulates the c-Jun amino-terminal kinase (JNK) and extracellular signal-regulated kinase (ERK) pathways.[provided by RefSeq, May 2010],catalytic activity:A phosphoprotein + H₂O = a protein + phosphate.,catalytic activity:Protein tyrosine phosphate + H₂O = protein tyrosine + phosphate.,function:Involved in the inactivation of MAP kinases.,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.,

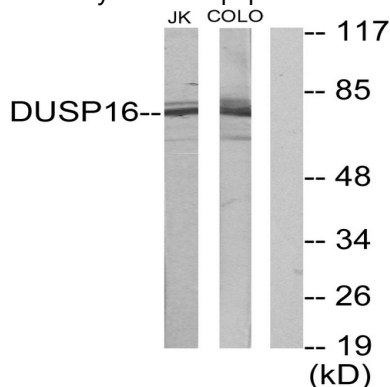
研究领域 (Research Area)

MAPK_ERK_Growth;MAPK_G_Protein;

图片 (Image Data)



Immunofluorescence analysis of HepG2 cells, using DUSP16 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat and COLO205 cells, using DUSP16 Antibody. The lane on the right is blocked with the synthesized peptide.

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注意事项 (Note)

For research use only .