

产品名称: DUSP19 Rabbit Polyclonal Antibody
产品货号: APRab10203



产品概述 (Summary)

产品名称 (Production Name)	DUSP19 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Monkey

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)	DUSP19 DUSP19; DUSP17; LMWDSP3; SKRP1; Dual specificity protein phosphatase 19;
别名 (Alternative Names)	Dual specificity phosphatase TS-DSP1; Low molecular weight dual specificity phosphatase 3; LMW-DSP3; Protein phosphatase SKRP1; Stress-activated protein kinase pathway
基因 ID (Gene ID)	142679.0
蛋白 ID (SwissProt ID)	Q8WTR2.The antiserum was produced against synthesized peptide derived from human DUSP19. AA range:111-160

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
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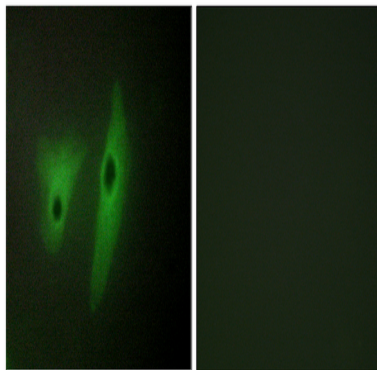
蛋白分子量 (Molecular Weight) 28kDa

研究背景 (Background)

dual specificity phosphatase 19(DUSP19) Homo sapiens Dual-specificity phosphatases (DUSPs) constitute a large heterogeneous subgroup of the type I cysteine-based protein-tyrosine phosphatase superfamily. DUSPs are characterized by their ability to dephosphorylate both tyrosine and serine/threonine residues. They have been implicated as major modulators of critical signaling pathways. DUSP19 contains a variation of the consensus DUSP C-terminal catalytic domain, with the last serine residue replaced by alanine, and lacks the N-terminal CH2 domain found in the MKP (mitogen-activated protein kinase phosphatase) class of DUSPs (see MIM 600714) (summary by Patterson et al., 2009 [PubMed 19228121]). [supplied by OMIM, Dec 2009],catalytic activity:A phosphoprotein + H(2)O = a protein + phosphate.,catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate.,function:Has a dual specificity toward Ser/Thr and Tyr-containing proteins.,similarity:Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily.,similarity:Contains 1 tyrosine-protein phosphatase domain.,tissue specificity:Expressed in the heart, lung, liver, and pancreas. The expression level in the pancreas is the highest.,

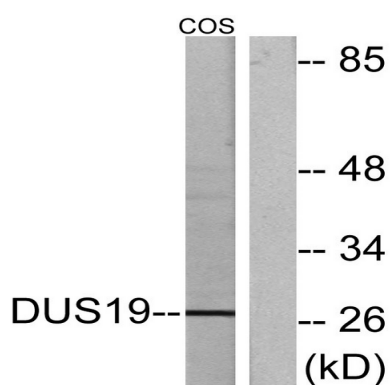
研究领域 (Research Area)

图片 (Image Data)

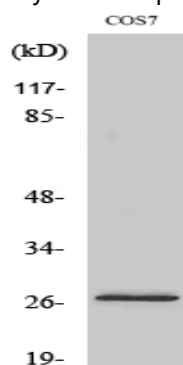


Immunofluorescence analysis of HeLa cells, using DUSP19 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from COS7 cells, using DUSP19 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using DUSP19 Polyclonal Antibody

注意事项 (Note)

For research use only .