

产品名称: CPI-17 Rabbit Polyclonal Antibody
产品货号: APRab09311



产品概述 (Summary)

产品名称 (Production Name)	CPI-17 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)	PPP1R14A PPP1R14A; CPI17; PPP1INL; Protein phosphatase 1 regulatory subunit 14A; 17
别名 (Alternative Names)	kDa PKC-potentiated inhibitory protein of PP1; Protein kinase C-potentiated inhibitor protein of 17 kDa; CPI-17
基因 ID (Gene ID)	94274.0
蛋白 ID (SwissProt ID)	Q96A00.The antiserum was produced against synthesized peptide derived from human CPI17 alpha. AA range:5-54

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)	22kDa

产品名称: CPI-17 Rabbit Polyclonal Antibody
产品货号: APRab09311



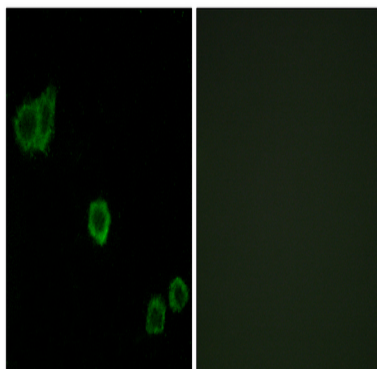
研究背景 (Background)

The protein encoded by this gene belongs to the protein phosphatase 1 (PP1) inhibitor family. This protein is an inhibitor of smooth muscle myosin phosphatase, and has higher inhibitory activity when phosphorylated. Inhibition of myosin phosphatase leads to increased myosin phosphorylation and enhanced smooth muscle contraction. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Sep 2011],function:Inhibitor of PPP1CA. Has over 1000-fold higher inhibitory activity when phosphorylated, creating a molecular switch for regulating the phosphorylation status of PPP1CA substrates and smooth muscle contraction.,similarity:Belongs to the PP1 inhibitor family.,tissue specificity:Isoform 1 is detected in aorta and testis. Isoform 2 is detected in aorta.,

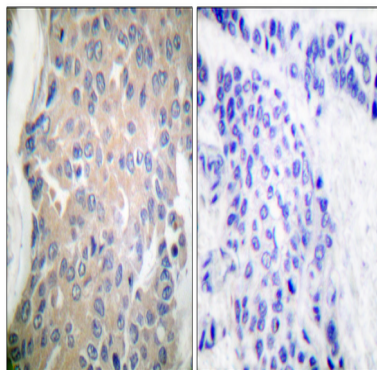
研究领域 (Research Area)

Vascular smooth muscle contraction;

图片 (Image Data)

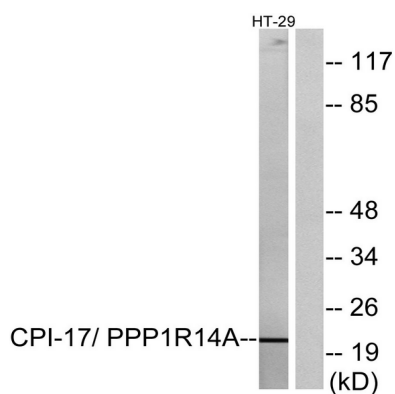


Immunofluorescence analysis of HeLa cells, using CPI17 alpha Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using CPI17 alpha Antibody. The picture on the right is blocked with the synthesized peptide.

产品名称: CPI-17 Rabbit Polyclonal Antibody
产品货号: APRab09311



Western blot analysis of lysates from HT-29 cells, using CPI17 alpha Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .