

产品名称: PP2C κ Rabbit Polyclonal Antibody
产品货号: APRab16400



产品概述 (Summary)

产品名称 (Production Name)	PP2C κ 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,Rat,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)	PPM1K
别名 (Alternative Names)	PPM1K; PP2CM; Protein phosphatase 1K; mitochondrial; PP2C domain-containing protein phosphatase 1K; PP2C-like mitochondrial protein; PP2C-type mitochondrial phosphoprotein phosphatase; PTMP; Protein phosphatase 2C isoform kappa; PP2C-kappa
基因 ID (Gene ID)	152926.0
蛋白 ID (SwissProt ID)	Q8N3J5.The antiserum was produced against synthesized peptide derived from human PPM1K. AA range:205-254

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
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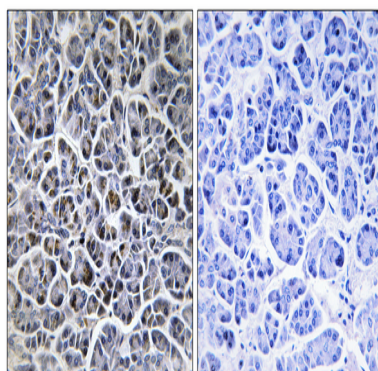
蛋白分子量 (Molecular Weight) 45kDa

研究背景 (Background)

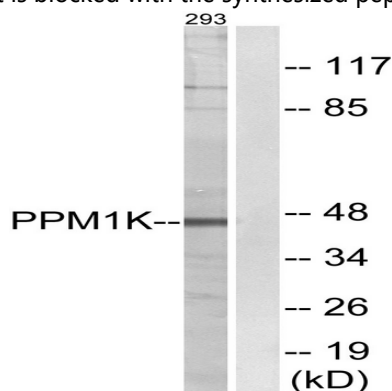
This gene encodes a member of the PPM family of Mn²⁺/Mg²⁺-dependent protein phosphatases. The encoded protein, essential for cell survival and development, is targeted to the mitochondria where it plays a key role in regulation of the mitochondrial permeability transition pore. [provided by RefSeq, Sep 2012], catalytic activity: A phosphoprotein + H₂O = a protein + phosphate., caution: Ref.9 has crystallized PPM1K in the presence of magnesium ions. However, PubMed:17336929 reported that no activity toward p-nitrophenylphosphate was seen in the absence of manganese ions and magnesium could not substitute for manganese., cofactor: Binds 1 magnesium or manganese ion per subunit., function: Regulates the mitochondrial permeability transition pore and is essential for cellular survival and development., similarity: Belongs to the PP2C family., similarity: Contains 1 PP2C-like domain.,

研究领域 (Research Area)

图片 (Image Data)

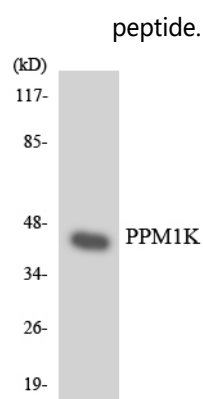


Immunohistochemistry analysis of paraffin-embedded human pancreas tissue, using PPM1K Antibody. The picture on the right is blocked with the synthesized peptide.

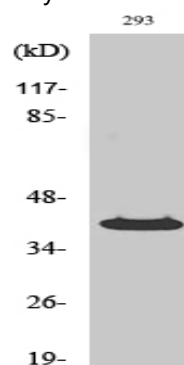


Western blot analysis of lysates from 293 cells, using PPM1K Antibody. The lane on the right is blocked with the synthesized

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Western blot analysis of the lysates from HeLa cells using PPM1K antibody.



Western Blot analysis of various cells using PP2C κ Polyclonal Antibody

注意事项 (Note)

For research use only .