

产品名称: IPP-2 Rabbit Polyclonal Antibody
产品货号: APRab12709



产品概述 (Summary)

产品名称 (Production Name)	IPP-2 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)	PPP1R2
别名 (Alternative Names)	PPP1R2; IPP2; Protein phosphatase inhibitor 2; IPP-2
基因 ID (Gene ID)	5504.0
蛋白 ID (SwissProt ID)	P41236.The antiserum was produced against synthesized peptide derived from human PPP1R2. AA range:86-135

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 1:5000-1:10000
蛋白分子量 (Molecular Weight)	25kDa

研究背景 (Background)

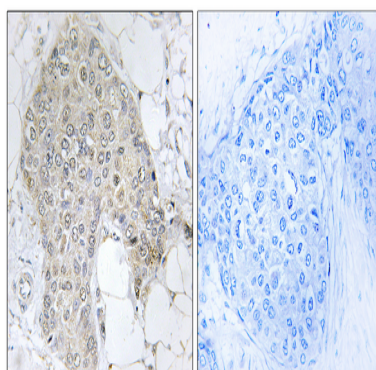
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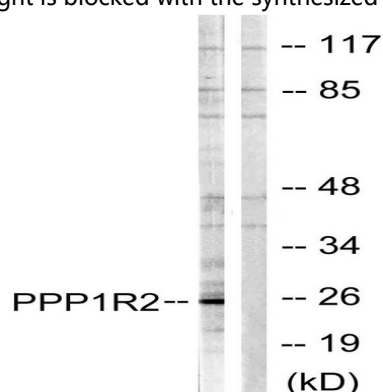
Protein phosphatase-1 (PP1) is one of the main eukaryotic serine/threonine phosphatases. The protein encoded by this gene binds to the catalytic subunit of PP1, strongly inhibiting its activity. Ten related pseudogenes have been found throughout the human genome. Several splice variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015],function:Inhibitor of protein-phosphatase 1.,PTM:Phosphorylation on Thr-73 by GSK3 activates PP1 by dissociating the PP1-PPP1R2 complex (By similarity). Phosphorylation on Ser-44 by ATM activates PP1 by dissociating the PP1-PPP1R2 complex.,similarity:Belongs to the protein phosphatase inhibitor 2 family.,subunit:Heterodimer with PP1.,

研究领域 (Research Area)

图片 (Image Data)

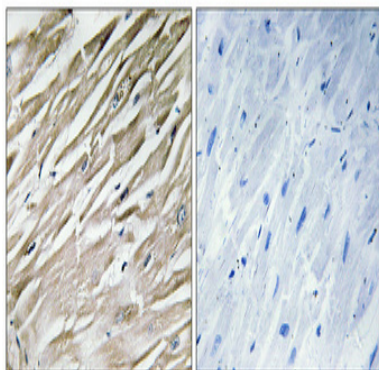


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using PPP1R2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using PPP1R2 Antibody. The lane on the right is blocked with the synthesized peptide.

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Immunohistochemical analysis of paraffin-embedded Human heart. Antibody was diluted at 1:100 (4°,overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .