

产品名称: MYPT3 Rabbit Polyclonal Antibody
产品货号: APRab14356



产品概述 (Summary)

产品名称 (Production Name)	MYPT3 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)	PPP1R16A
别名 (Alternative Names)	PPP1R16A; MYPT3; Protein phosphatase 1 regulatory subunit 16A; Myosin phosphatase-targeting subunit 3
基因 ID (Gene ID)	84988.0
蛋白 ID (SwissProt ID)	Q96I34.The antiserum was produced against synthesized peptide derived from human PPP1R16A. AA range:362-411

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:200,ICC/IF 1:50-1:200,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	60kDa

产品名称: MYPT3 Rabbit Polyclonal Antibody
产品货号: APRab14356

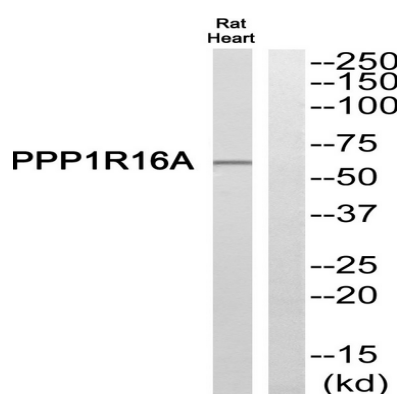


研究背景 (Background)

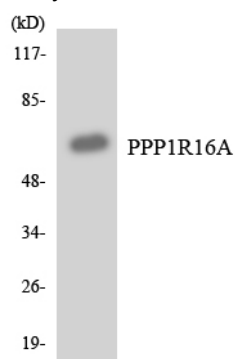
Myosin light chain kinase and phosphatase (MLCP) complexes control the phosphorylation states of regulatory myosin light chains, which is crucial for muscle and intracellular movement. MLCPs typically contain a catalytic protein phosphatase 1 (PP1c) subunit, a myosin phosphatase targeting (MYPT) subunit, and another smaller subunit. The protein encoded by this gene represents an MYPT subunit, which is responsible for directing PP1c to its intended targets. However, while other MYPTs result in PP1c activation after becoming phosphorylated, the encoded protein is phosphorylated by protein kinase A and then inhibits the catalytic activity of PP1c. [provided by RefSeq, Jul 2016],function:Inhibits protein phosphatase 1 activity toward phosphorylase, myosin light chain and myosin substrates.,sequence caution:Cloning artifact.,similarity:Contains 5 ANK repeats.,subunit:Binds PP1.,

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of PPP1R16A Antibody. The lane on the right is blocked with the PPP1R16A peptide.



Western blot analysis of the lysates from HeLa cells using PPP1R16A antibody.

注意事项 (Note)

For research use only .

产品名称: MYPT3 Rabbit Polyclonal Antibody
产品货号: APRab14356

