

产品名称: PP2A-B56- α Rabbit Polyclonal Antibody
产品货号: APRab16394



产品概述 (Summary)

产品名称 (Production Name)	PP2A-B56- α Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
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)	PPP2R5A PPP2R5A; Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform; PP2A B subunit isoform B'-alpha; PP2A B subunit isoform B56-alpha; PP2A B subunit isoform PR61-alpha; PR61alpha; PP2A B subunit isoform R5-alpha
别名 (Alternative Names)	
基因 ID (Gene ID)	5525.0
蛋白 ID (SwissProt ID)	Q15172.The antiserum was produced against synthesized peptide derived from human PPP2R5A. AA range:321-370

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
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蛋白分子量 (Molecular Weight) 57kDa

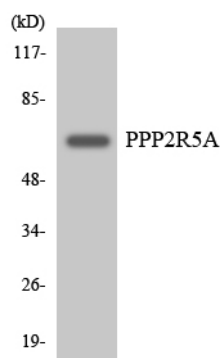
研究背景 (Background)

The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes an alpha isoform of the regulatory subunit B56 subfamily. Alternative transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Dec 2010],function:The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment.,PTM:Phosphorylated on serine residues.,similarity:Belongs to the phosphatase 2A regulatory subunit B56 family.,subcellular location:From mitotic prophase to metaphase, localizes at the inner centromere between a pair of sister kinetochores. Decreased expression at the onset of anaphase.,subunit:PP2A consists of a common heterodimeric core enzyme, composed of a 36 kDa catalytic subunit (subunit C) and a 65 kDa constant regulatory subunit (PR65 or subunit A), that associates with a variety of regulatory subunits. Proteins that associate with the core dimer include three families of regulatory subunits B (the R2/B/PR55/B55, R3/B''/PR72/PR130/PR59 and R5/B'/B56 families), the 48 kDa variable regulatory subunit, viral proteins, and cell signaling molecules. Interacts with SGOL1.,tissue specificity:Widely expressed with the highest expression in heart and skeletal muscle.,

研究领域 (Research Area)

Oocyte meiosis;WNT;WNT-T CELL

图片 (Image Data)



Western blot analysis of the lysates from HeLa cells using PPP2R5A antibody.

注意事项 (Note)

For research use only .