

产品名称: PR48 Rabbit Polyclonal Antibody
产品货号: AP Rab16449



产品概述 (Summary)

产品名称 (Production Name)	PR48 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,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)	PPP2R3B PPP2R3B; PPP2R3L; Serine/threonine-protein phosphatase 2A regulatory subunit B" subunit beta; PP2A subunit B isoform PR48; Protein phosphatase 2A 48 kDa regulatory subunit
别名 (Alternative Names)	
基因 ID (Gene ID)	28227.0
蛋白 ID (SwissProt ID)	Q9Y5P8.The antiserum was produced against synthesized peptide derived from human PPP2R3B. AA range:364-413

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	70kDa

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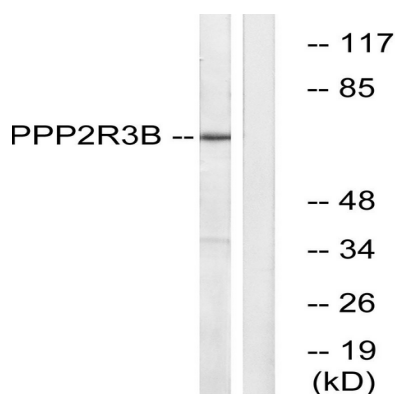
研究背景 (Background)

Protein phosphatase 2 (formerly named type 2A) is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2 holoenzymes are heterotrimeric proteins composed of a structural subunit A, a catalytic subunit C, and a regulatory subunit B. The regulatory subunit is encoded by a diverse set of genes that have been grouped into the B/PR55, B'/'/PR61, and B''/'/PR72 families. These different regulatory subunits confer distinct enzymatic specificities and intracellular localizations to the holoenzyme. The product of this gene belongs to the B''/' family. The B''/' family has been further divided into subfamilies. The product of this gene belongs to the beta subfamily of regulatory subunit B''/' [provided by RefSeq, Apr 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., miscellaneous: The gene encoding for this protein is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes., similarity: Contains 1 EF-hand domain., 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 N-terminal region of CDC6,

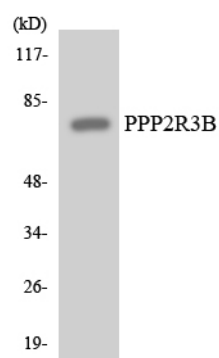
研究领域 (Research Area)

Signal Transduction; Protein Phosphorylation; Ser / Thr Phosphatases

图片 (Image Data)



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Western blot analysis of the lysates from HT-29 cells using PPP2R3B antibody.

注意事项 (Note)

For research use only .