

产品名称: L-type Ca++ CP γ 1 Rabbit Polyclonal Antibody
产品货号: AP Rab13479



产品概述 (Summary)

产品名称 (Production Name)	L-type Ca++ CP γ 1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, 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)	CACNG1 CACNG1; CACNLG; Voltage-dependent calcium channel gamma-1 subunit;
别名 (Alternative Names)	Dihydropyridine-sensitive L-type; skeletal muscle calcium channel subunit gamma
基因 ID (Gene ID)	786.0
蛋白 ID (SwissProt ID)	Q06432. The antiserum was produced against synthesized peptide derived from human CACNG1. AA range: 137-186

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	25kDa

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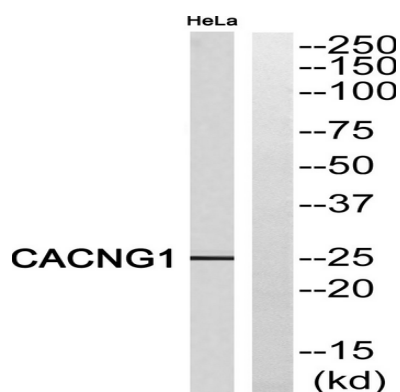
研究背景 (Background)

calcium voltage-gated channel auxiliary subunit gamma 1(CACNG1) Homo sapiens Voltage-dependent calcium channels are composed of five subunits. The protein encoded by this gene represents one of these subunits, gamma, and is one of two known gamma subunit proteins. This particular gamma subunit is part of skeletal muscle 1,4-dihydropyridine-sensitive calcium channels and is an integral membrane protein that plays a role in excitation-contraction coupling. This gene is part of a functionally diverse eight-member protein subfamily of the PMP-22/EMP/MP20 family and is located in a cluster with two family members that function as transmembrane AMPA receptor regulatory proteins (TARPs). [provided by RefSeq, Dec 2010],function:This protein is a subunit of the dihydropyridine (DHP) sensitive calcium channel. Plays a role in excitation-contraction coupling. The skeletal muscle DHP-sensitive Ca^{2+} channel may function only as a multiple subunit complex.,similarity:Belongs to the PMP-22/EMP/MP20 family. CACNG subfamily.,subunit:The L-type calcium channel is composed of five subunits: alpha-1, alpha-2/delta, beta and gamma.,tissue specificity:Skeletal muscle.,

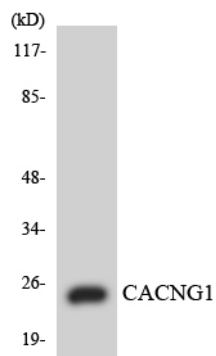
研究领域 (Research Area)

MAPK_ERK_Growth;MAPK_G_Protein;Cardiac muscle contraction;Hypertrophic cardiomyopathy (HCM);Arrhythmogenic right ventricular cardiomyopathy (ARVC);Dilated cardiomyopathy;

图片 (Image Data)



Western blot analysis of CACNG1 Antibody. The lane on the right is blocked with the CACNG1 peptide.



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Western blot analysis of the lysates from COLO205 cells using CACNG1 antibody.

注意事项 (Note)

For research use only .