

产品名称: KCNG2 Rabbit Polyclonal Antibody
产品货号: APRab12935



产品概述 (Summary)

产品名称 (Production Name)	KCNG2 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)	KCNG2 KCNG2; KCNF2; Potassium voltage-gated channel subfamily G member 2;
别名 (Alternative Names)	Cardiac potassium channel subunit; Voltage-gated potassium channel subunit Kv6.2
基因 ID (Gene ID)	26251.0
蛋白 ID (SwissProt ID)	Q9UJ96.The antiserum was produced against synthesized peptide derived from human KCNG2. AA range:321-370

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)	51kDa

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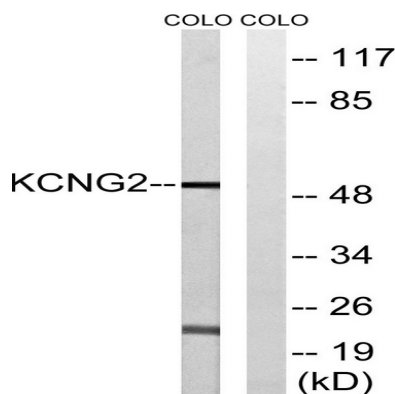


研究背景 (Background)

Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily G. This member is a gamma subunit of the voltage-gated potassium channel. The delayed-rectifier type channels containing this subunit may contribute to cardiac action potential repolarization. [provided by RefSeq, Jul 2008],domain:The segment S4 is probably the voltage-sensor and is characterized by a series of positively charged amino acids at every third position.,function:Potassium channel subunit. Modulates channel activity by shifting the threshold and the half-maximal activation to more negative values.,miscellaneous:Heterodimers with KCNB1 are highly sensitive to inhibition by tetraethylammonium (TEA) and propafenone.,similarity:Belongs to the potassium channel family. G subfamily.,subunit:Heterodimer with KCNB1. Does not form homomultimers.,tissue specificity:Highly expressed in heart, liver, skeletal muscle, kidney and pancreas. Detected at low levels in brain, lung and placenta.,

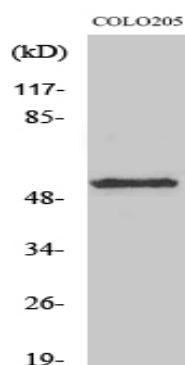
研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from COLO cells, using KCNG2 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using KCNG2 Polyclonal Antibody

注意事项 (Note)

For research use only .