

产品名称: KIR3.4 Rabbit Polyclonal Antibody
产品货号: AP Rab13031



产品概述 (Summary)

产品名称 (Production Name)	KIR3.4 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)	KCNJ5
别名 (Alternative Names)	KCNJ5; GIRK4; G protein-activated inward rectifier potassium channel 4; GIRK-4; Cardiac inward rectifier; CIR; Heart KATP channel; Inward rectifier K(+) channel Kir3.4; IRK-4; KATP-1; Potassium channel; inwardly rectifying subfamily J membe
基因 ID (Gene ID)	3762.0
蛋白 ID (SwissProt ID)	P48544.The antiserum was produced against synthesized peptide derived from human KCNJ5. AA range:370-419

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
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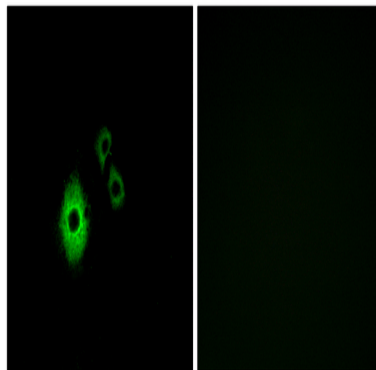
蛋白分子量 (Molecular Weight) 48kDa

研究背景 (Background)

Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, is controlled by G-proteins. It may associate with two other G-protein-activated potassium channels to form a heteromultimeric pore-forming complex. [provided by RefSeq, Jul 2008],function:This potassium channel is controlled by G proteins. Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium; as external potassium is raised, the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium. Can be blocked by external barium.,similarity:Belongs to the inward rectifier-type potassium channel family.,subunit:May associate with GIRK1 and GIRK2 to form a G-protein-activated heteromultimer pore-forming unit. The resulting inward current is much larger.,tissue specificity:Islets, exocrine pancreas and heart.,

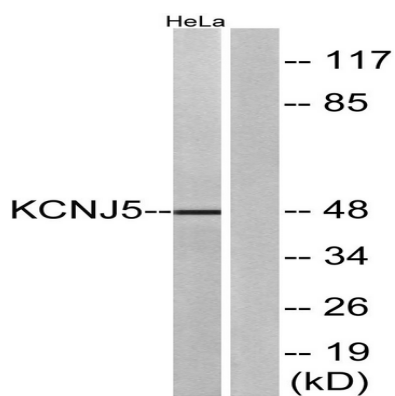
研究领域 (Research Area)

图片 (Image Data)



Immunofluorescence analysis of A549 cells, using KCNJ5 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from HeLa cells, using KCNJ5 Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .