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KCNA10 Rabbit pAb

货号: AYP18291

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	57kDa
实测分子量	62kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-549
细胞定位	Membrane,Multi-pass membrane protein
纯化	Affinity purification

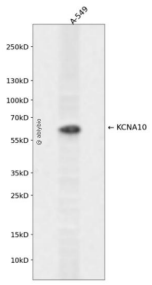
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-125 of human KCNA10 (NP_005540.1).

靶点信息

研究背景	Potassium 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. Four sequence-related potassium channel genes - shaker, shaw, shab, and shal - have been identified in Drosophila, and each has been shown to have human homolog(s). This gene encodes a member of the potassium channel, voltage-gated, shaker-related subfamily. This member contains six membrane-spanning domains with a shaker-type repeat in the fourth segment. It is specifically regulated by cGMP and postulated to mediate the effects of substances that increase intracellular cGMP. This gene is intronless, and the gene is clustered with genes KCNA2 and KCNA3 on chromosome 1.
基因ID	3744
基因名	KCNA10
Swiss	Q16322 (https://www.uniprot.org/uniprotkb/Q16322/entry)
别名	KCNA10,Kcn1,Kv1.8,KCNA10 Rabbit pAb,Voltage-gated potassium channel subunit Kv1.8

产品验证



Western blot analysis of KCNA10 expressed in A-549 using KCNA10 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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