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KCNH1 Rabbit pAb

货号: AYP16654

产品信息

反应	Human,Mouse,Rat
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	108kDa/111kDa
实测分子量	111kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Raji,MCF7,HeLa
细胞定位	Cell membrane,Early endosome membrane,Multi-pass membrane protein,Nucleus inner membrane
纯化	Affinity purification

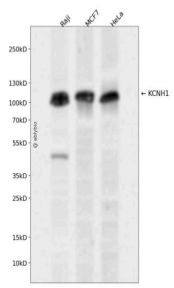
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 813-962 of human KCNH1 (NP_002229.1).

靶点信息

研究背景	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 H. This member is a pore-forming (alpha) subunit of a voltage-gated non-inactivating delayed rectifier potassium channel. It is activated at the onset of myoblast differentiation. The gene is highly expressed in brain and in myoblasts. Overexpression of the gene may confer a growth advantage to cancer cells and favor tumor cell proliferation. Alternative splicing of this gene results in two transcript variants encoding distinct isoforms.
基因ID	3756
基因名	KCNH1
Swiss	O95259 (https://www.uniprot.org/uniprotkb/O95259/entry)
别名	KCNH1,EAG,EAG1,Kv10.1,TMBTS,ZLS1,h-eag,hEAG1,KCNH1 Rabbit pAb,Ether-a-go-go potassium channel 1,Potassium voltage-gated channel subfamily H member 1,Voltage-gated potassium channel subunit Kv10.1

产品验证



Western blot analysis of KCNH1 expressed in Raji,MCF7,HeLa using KCNH1 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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