

# 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  | <b>WB:</b> 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°C. Avoid freeze / thaw cycles.<br>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  |

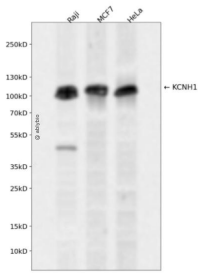
## 抗原信息

|      |   |
|------|---|
| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 813-962 of human KCN H1 (NP_002229.1).                                      |
| 序列   | FKDACGKSEDWNVKSKAEMETLPERTKASGEATLKKTDSCDSGITKSDLRLDNVGEARSPQDRSPILAEVKHSFYPIPEQ<br>TLQATVLEVRHELKEDIKALNAKMTNIEKQLSEILRILTSRRSSQSPQELFEISRPQSPESERDIFGAS |

## 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   |
| 别名    | KCNH1;EAG;EAG1;Kv10.1;TMBTS;ZLS1;h-eag;hEAG1   |

## 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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