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# KCNQ2 Rabbit pAb

**货号: B13773**

## 产品信息

| | |
|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | **WB:** Zea mays |
| 应用 | WB |
| 推荐浓度 | **WB:** 1:500 - 1:1000 |
| 理论分子量 | 44kDa/92kDa/93kDa/94kDa/95kDa |
| 实测分子量 | 95KDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | C6,Mouse brain,Rat brain |
| 细胞定位 | Membrane,Multi-pass membrane protein |
| 纯化 | Affinity purification |

## 抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 466-665 of human KCNQ2 (NP_742105.1). |
| 序列 | SPSADQSLEDSPSKVPKSWSFGDRSRARQAFRIKGAASRQNSEEASLPGEDIVDDKSCPCEFVTEDLTPGLKVSIRAVCVMRFLVSKRKFKESLRPYDVMDVIEQYSAGHLDMLSRIKSLQSRVDQIVGRGPAITDKDRTKGPAEAELPEDPSMMGRLGKVEKQVLSMEKKLDFLVNIYMQRMGIPPTETEAYFGAKEPE |

## 靶点信息

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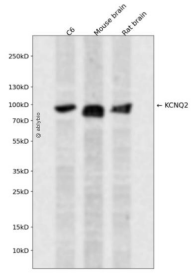
| 研究背景 | The M channel is a slowly activating and deactivating potassium channel that plays a critical role in the regulation of neuronal excitability. The M channel is formed by the association of the protein encoded by this gene and a related protein encoded by the KCNQ3 gene, both integral membrane proteins. M channel currents are inhibited by M1 muscarinic acetylcholine receptors and activated by retigabine, a novel anti-convulsant drug. Defects in this gene are a cause of benign familial neonatal convulsions type 1 (BFNC), also known as epilepsy, benign neonatal type 1 (EBN1). At least five transcript variants encoding five different isoforms have been found for this gene. |
| 基因**ID** | 3785 |
| 基因名 | KCNQ2 |
| **Swiss** | O43526 |
| 别名 | KCNQ2;BFNC;EBN;EBN1;ENB1;HNSPC;KCNA11;KV7.2 |

## 产品验证




Western blot analysis of KCNQ2 expressed in C6,Mouse brain,Rat brain using KCNQ2 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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