

# GIRK1/KIR3.1/KCNJ3 (Phospho-Ser185) Antibody

货号: **AYP4173**

## 产品信息

|       |   |
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| 反应    | Human,Mouse,Rat   |
| 宿主    | Rabbit  |
| 克隆性   | Polyclonal  |
| 预测反应  |   |
| 应用    | WB IHC IF/ICC ELISA   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IHC:</b> 1:50 - 1:200<br><b>IF/ICC:</b> 1:50 - 1:200          |
| 理论分子量 | 26kDa/56kDa   |
| 实测分子量 |   |
| 形式    | Liquid  |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated  |
| 阳性对照  | 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 | Synthesized peptide derived from Human GIRK1/KIR3.1/KCNJ3 (Phospho-Ser185). |
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## 靶点信息

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| 研究背景 | 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 and plays an important role in regulating heart beat. It associates with three other G-protein-activated potassium channels to form a heteromultimeric pore-forming complex that also couples to neurotransmitter receptors in the brain and whereby channel activation can inhibit action potential firing by hyperpolarizing the plasma membrane. These multimeric G-protein-gated inwardly-rectifying potassium (GIRK) channels may play a role in the pathophysiology of epilepsy, addiction, Down's syndrome, ataxia, and Parkinson's disease. Alternative splicing results in multiple transcript variants encoding distinct proteins. |
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| 基因ID  | 3760                   |
| 基因名   | KCNJ3                  |
| Swiss | P48549                 |
| 别名    | KCNJ3;GIRK1;KGA;KIR3.1 |

产品验证

实验步骤

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