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CNGA1 (YD32873) Mouse mAb

货号: **AYD21762**

产品信息

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|-------|---|
| 反应 | Mouse, Rat |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | IHC-P |
| 推荐浓度 | |
| 理论分子量 | 80kDa |
| 实测分子量 | |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA, 50% glycerol, pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | |
| 细胞定位 | Cell membrane |
| 纯化 | 亲和纯化 |

抗原信息

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| 抗原信息 | |
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靶点信息

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| 研究背景 | Pore-forming subunit of the rod cyclic nucleotide-gated channel. Mediates rod photoresponses at dim light converting transient changes in intracellular cGMP levels into electrical signals. In the dark, cGMP levels are high and keep the channel open enabling a steady inward current carried by Na(+) and Ca(2+) ions that leads to membrane depolarization and neurotransmitter release from synaptic terminals. Upon photon absorption cGMP levels decline leading to channel closure and membrane hyperpolarization that ultimately slows neurotransmitter release and signals the presence of light, the end point of the phototransduction cascade. Conducts cGMP- and cAMP-gated ion currents, with permeability for monovalent and divalent cations. The selectivity for Ca(2+) over Na(+) increases with cGMP concentrations, whereas the selectivity among monovalent ions is independent of the cGMP levels |
| 基因ID | 281700 |
| 基因名 | CNGA1 |
| Swiss | Q00194 (https://www.uniprot.org/uniprotkb/Q00194/entry) |
| 别名 | CNGA1 (YD32873),CNGA1 (YD32873) Mouse mAb,CNGA1,Cyclic nucleotide-gated cation channel 1,Cyclic nucleotide-gated channel,photoreceptor,Rod photoreceptor cGMP-gated cation channel subunit alpha,cGMP-gated cation channel alpha-1,CNCG,CNCG1 |

产品验证

实验步骤

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