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Anti-Human/Mouse/Rat CACNG2 Polyclonal Antibody

多克隆抗体

产品货号: PA04169

第三版

**描述:**CACNG2 (Calcium Voltage-Gated Channel Auxiliary Subunit Gamma 2) is a Protein Coding gene. Diseases associated with CACNG2 include Mental Retardation, Autosomal Dominant 10 and Autosomal Dominant Non-Syndromic Intellectual Disability. Among its related pathways are PEDF Induced Signaling and DREAM Repression and Dynorphin Expression. GO annotations related to this gene include voltage-gated calcium channel activity and ionotropic glutamate receptor binding. An important paralog of this gene is CACNG3. The protein encoded by this gene is a type I transmembrane AMPA receptor regulatory protein (TARP). TARPs regulate both trafficking and channel gating of the AMPA receptors. The AMPA subtype of ionotropic glutamate receptors are ligand gated ion channels that are typically activated by glutamate released from presynaptic neuron terminals and mediate fast neurotransmission in excitatory synapses. TARPs thus play an important role in synaptic plasticity, learning and memory. Mutations in this gene cause the disorder autosomal dominant mental retardation-10 (MRD10).

**抗原:**Synthetic Peptide

**配方:**

**如何使用:**加1ml超纯水重溶

**稳定性:** -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

**稀释液:**PBS (pH7.4) ， 1% BSA

**应用:**WB 1 ~ 5  $\mu$ g/ml.

**特异性:**Brain.