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Anti-Human/Mouse/Rat CACNA2D3 Polyclonal Antibody

多克隆抗体

产品货号: PA04270

第三版

**描述:**CACNA2D3 (Calcium Voltage-Gated Channel Auxiliary Subunit Alpha2delta 3) is a Protein Coding gene. Diseases associated with CACNA2D3 include Zimmermann-Laband Syndrome. Among its related pathways are CCR5 Pathway in Macrophages and PEDF Induced Signaling. GO annotations related to this gene include voltage-gated calcium channel activity and calcium channel regulator activity. An important paralog of this gene is CACNA2D4. This gene encodes a member of the alpha-2/delta subunit family, a protein in the voltage-dependent calcium channel complex. Calcium channels mediate the influx of calcium ions into the cell upon membrane polarization and consist of a complex of alpha-1, alpha-2/delta, beta, and gamma subunits in a 1:1:1:1 ratio. Various versions of each of these subunits exist, either expressed from similar genes or the result of alternative splicing. Research on a highly similar protein in rabbit suggests the protein described in this record is cleaved into alpha-2 and delta subunits. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.

**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:**Only detected in brain. Not present in lung, testis, aorta, spleen, jejunum, ventricular muscle and kidney (at protein level). According to PubMed:11687876, it is brain-specific, while according to PubMed:11245980, it is widely expressed.