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Anti-Human/Mouse/Rat RYR2 Polyclonal Antibody

多克隆抗体

产品货号: PA05798

第三版

**描述:** This gene encodes a ryanodine receptor found in cardiac muscle sarcoplasmic reticulum. The encoded protein is one of the components of a calcium channel, composed of a tetramer of the ryanodine receptor proteins and a tetramer of FK506 binding protein 1B proteins, that supplies calcium to cardiac muscle. Mutations in this gene are associated with stress-induced polymorphic ventricular tachycardia and arrhythmogenic right ventricular dysplasia. RYR2 (Ryanodine Receptor 2) is a Protein Coding gene. Diseases associated with RYR2 include Ventricular Tachycardia, Catecholaminergic Polymorphic, 1 and Arrhythmogenic Right Ventricular Dysplasia 2. Among its related pathways are Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds and Cell-type Dependent Selectivity of CCK2R Signaling. GO annotations related to this gene include calcium ion binding and protein kinase binding. An important paralog of this gene is RYR3.

**抗原:** Synthesized peptide derived from human RyR-2 around the non-phosphorylation site of Ser2808.

**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:** Detected in heart muscle (at protein level). Heart muscle, brain (cerebellum and hippocampus) and placenta.