



Phospho-RYR2-S2809 Polyclonal Antibody

E9P011

Catalog Number: E9P0112**Amount:** 100ul

Background: 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.

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: RyR; ARVC2; ARVD2; RYR-2; VTSIP;**Immunogen:** A phospho specific peptide corresponding to residues surrounding S2809 of human RYR2**Purification:** Affinity purification**Reactivity:** H M R**Applications:** WB**Molecular Weight:** 564kDa**Swiss-Prot No. :** Q92736**Gene ID:** 6262**References:**

WB 1:500 - 1:2000

Western blot analysis of extracts of Untreated and treated, using Phospho-RYR2-S2809 antibody.

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