

Phospho-RYR2-S2809

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding S2809 of human RYR2

Storage Buffer:

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

Synonym:

RyR; ARVC2; ARVD2; RYR-2; VTSIP;

Catalog #: AP0112

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6262

Isotype: IgG

Swiss Prot: Q92736

Purity: Affinity purification

For research use only.

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.

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