

# Phospho-RYR2-S2814 Rabbit pAb

Catalog No.: AP0624 **4 Publications**

## Basic Information

### Observed MW

Refer to Figures

### Calculated MW

565kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## 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.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

6262

### Swiss Prot

Q92736

### Immunogen

A synthetic phosphorylated peptide around S2814 of human RYR2 (NP\_001026.2).

### Synonyms

RyR; ARVC2; ARVD2; RYR-2; VTSIP; VACRDS; Phospho-RYR2-S2814

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.