

A16969

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## RYR2 Rabbit pAb

Catalog No.: A16969

### Basic Information

#### Observed MW

Refer to figures

#### Calculated MW

565kDa

#### Category

Polyclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human

### 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

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

### Immunogen Information

#### Gene ID

6262

#### Swiss Prot

Q92736

#### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

#### Synonyms

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

### Contact

 [www.abclonal.com](http://www.abclonal.com)

### 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.