

Phospho-RYR2-S2830 Rabbit pAb

Catalog No.: AP0625

Basic Information

Observed MW

Refer to Figures

Calculated MW

565kDa

Category

Primary 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

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

RyR; ARVC2; ARVD2; RYR-2; VTSIP; VACRDS; Phospho-RYR2-S2830

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 0.02% sodium azide, 50% glycerol, pH7.3.