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Datasheet for ABIN7168516

anti-RYR3 antibody (AA 987-1147) (HRP)

Overview

Quantity:	100 µg
Target:	RYR3
Binding Specificity:	AA 987-1147
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RYR3 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Ryanodine receptor 3 protein (987-1147AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RYR3
Alternative Name:	RYR3 (RYR3 Products)
Background:	Background: Calcium channel that mediates the release of Ca(2+) from the sarcoplasmic reticulum into the cytoplasm in muscle and thereby plays a role in triggering muscle

Target Details

contraction. May regulate Ca(2+) release by other calcium channels. Calcium channel that mediates Ca(2+)-induced Ca(2+) release from the endoplasmic reticulum in non-muscle cells. Contributes to cellular calcium ion homeostasis (By similarity). Plays a role in cellular calcium signaling.

Aliases: Brain ryanodine receptor calcium release channel antibody, Brain ryanodine receptor-calcium release channel antibody, Brain type ryanodine receptor antibody, Brain-type ryanodine receptor antibody, HBRR antibody, Ryanodine receptor 3 antibody, RYR 3 antibody, RYR-3 antibody, RyR3 antibody, RYR3_HUMAN antibody

UniProt: [Q15413](#)

Pathways: [Myometrial Relaxation and Contraction](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.