RYR1 polyclonal antibody

Catalog # PAB5562 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of RYR1.
Immunogen	A synthetic peptide corresponding to C-terminus of human RYR1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — RYR1

Entrez GeneID	6261
Gene Name	RYR1

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Gene Alias	CCO, MHS, MHS1, RYDR, RYR, SKRR
Gene Description	ryanodine receptor 1 (skeletal)
Omim ID	117000 145600 180901
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a ryanodine receptor found in skeletal muscle. The encoded protein functions as a calcium release channel in the sarcoplasmic reticulum but also serves to connect the sarcopl asmic reticulum and transverse tubule. Mutations in this gene are associated with malignant hyper thermia susceptibility, central core disease, and minicore myopathy with external ophthalmoplegia . Alternatively spliced transcripts encoding different isoforms have been described. [provided by RefSeq
Other Designations	central core disease of muscle|ryanodine receptor type1|sarcoplasmic reticulum calcium release channel|skeletal muscle ryanodine receptor|type 1-like ryanodine receptor

Pathway

- Calcium signaling pathway
- Long-term depression

Disease

- Genetic Predisposition to Disease
- Hyperparathyroidism
- Malignant Hyperthermia
- Neoplasm Invasiveness
- Prostatic Neoplasms
- Tobacco Use Disorder

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