RYR1 Conjugated Antibody

Catalog No: #C37887

Package Size: #C37887-AF350 100ul #C37887-AF405 100ul #C37887-AF488 100ul #C37887-AF555 100ul #C37887-AF594 100ul #C37887-AF647 100ul #C37887-AF680 100ul #C37887-AF750 100ul #C37887-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	RYR1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total RYR1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human ryanodine receptor 1 (skeletal)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CCO; MHS; RYR; MHS1; RYDR; SKRR; RYR-1; PPP1R137
Accession No.	Swiss-Prot#:P21817NCBI Gene ID:6261NCBI mRNA#:NCBI Protein#:NP_001020331/P48960
Uniprot	P21817
GeneID	6261;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	565
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

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 sarcoplasmic reticulum and transverse tubule. Mutations in this gene are associated with malignant hyperthermia susceptibility, central core disease, and minicore myopathy with external ophthalmoplegia. Alternatively spliced transcripts encoding different isoforms have been described.?

Note: This product is for in vitro research use only