RecomAb™

SGCA recombinant monoclonal antibody, clone R09-3J6

Catalog # RAB06458 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human, mouse and rat SGCA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against protein corresponding to full length human SGCA.
Theoretical MW (kDa)	Calculated MW: 43 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at 4°C. For long term storage 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

- Immunohistochemistry

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- Immunoprecipitation
- Western Blot

Gene Info — SGCA

Entrez GeneID	6442
Protein Accession#	Q16586
Gene Name	SGCA
Gene Alias	50-DAG, A2, ADL, DAG2, DMDA2, LGMD2D, SCARMD1, adhalin
Gene Description	sarcoglycan, alpha (50kDa dystrophin-associated glycoprotein)
Omim ID	600119 608099
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a component of the dystrophin-glycoprotein complex (DGC), which is critical t o the stability of muscle fiber membranes and to the linking of the actin cytoskeleton to the extrace llular matrix. Its expression is thought to be restricted to striated muscle. Mutations in this gene res ult in type 2D autosomal recessive limb-girdle muscular dystrophy. Multiple transcript variants enc oding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	50kD DAG|sarcoglycan, alpha

Pathway

- Arrhythmogenic right ventricular cardiomyopathy (ARVC)
- Hypertrophic cardiomyopathy (HCM)

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