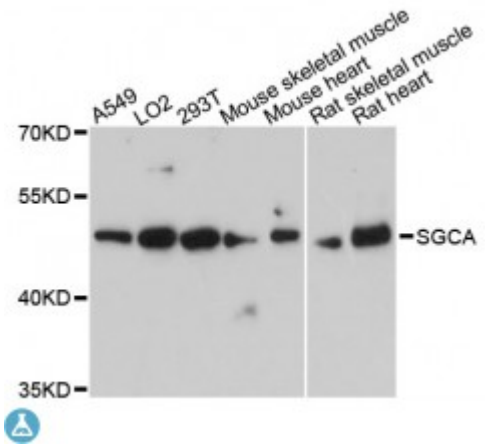
Anti-SGCA Antibody



Description	This gene encodes a component of the dystrophin-glycoprotein complex (DGC), which is critical to the stability of muscle fiber membranes and to the linking of the actin cytoskeleton to the extracellular matrix. Its expression is thought to be restricted to striated muscle. Mutations in this gene result in type 2D autosomal recessive limb-girdle muscular dystrophy. Multiple transcript variants encoding different isoforms have been found for this gene.
Model	STJ116232
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 60-290 of human SGCA (NP_000014.1).
Gene ID	6442
Gene Symbol	SGCA
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Most strongly expressed in skeletal muscle, Also expressed in cardiac muscle and, at much lower levels, in lung, In the fetus, most abundant in cardiac muscle and, at lower levels, in lung, Also detected in liver and kidney, Not expressed in brain
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	Alpha-sarcoglycan Alpha-SG 50 kDa dystrophin-associated glycoprotein 50DAG Adhalin Dystroglycan-2
Molecular Weight	42.875 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:10805OMIM:600119
Alternative Names	Alpha-sarcoglycan Alpha-SG 50 kDa dystrophin-associated glycoprotein 50DAG Adhalin Dystroglycan-2
Function	Component of the sarcoglycan complex, a subcomplex of the dystrophin-glycoprotein complex which forms a link between the F-actin cytoskeleton and the extracellular matrix
Cellular Localization	Cell membrane, sarcolemma

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