ARG59139
anti-SGCA / alpha Sarcoglycan antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SGCA / alpha Sarcoglycan
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SGCA / alpha Sarcoglycan
Species	Human
Immunogen	Synthetic peptide derived from Human SGCA / alpha Sarcoglycan.
Conjugation	Un-conjugated
Alternate Names	adhalin; Adhalin; 50 kDa dystrophin-associated glycoprotein; Alpha-sarcoglycan; 50-DAG; Alpha-SG; SCARMD1; DMDA2; 50DAG; Dystroglycan-2; A2; DAG2; ADL; LGMD2D

Application Instructions

Application table

Application	Dilution
WB	1:500 - 1:2000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Observed Size: 50 kDa

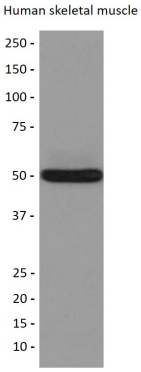
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	SGCA
Gene Full Name	sarcoglycan, alpha (50kDa dystrophin-associated glycoprotein)
Background	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. [provided by RefSeq, Oct 2008]
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. [UniProt]
Calculated Mw	43 kDa
Cellular Localization	Cell membrane, sarcolemma; Single-pass type I membrane protein. Cytoplasm, cytoskeleton. [UniProt]

Images



ARG59139 anti-SGCA / alpha Sarcoglycan antibody WB image

Western blot: Human skeletal muscle lysate stained with ARG59139 anti-SGCA / alpha Sarcoglycan antibody.