alpha sarcoglycan Rabbit mAb

Catalog No: #49537

Package Size: #49537-1 50ul #49537-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

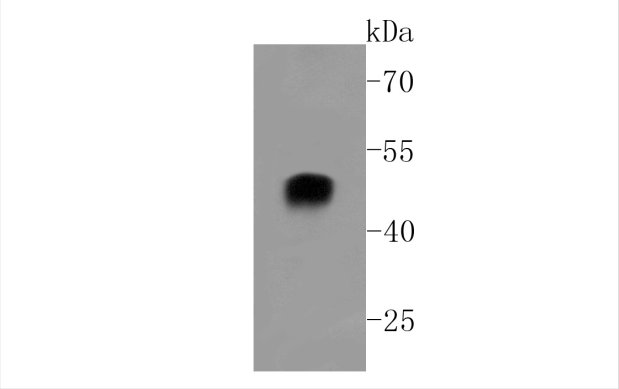
Description

Product Name	alpha sarcoglycan Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JA51-81
Purification	ProA affinity purified
Applications	WB, IP, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	50 DAG antibody 50 kDa dystrophin associated glycoprotein antibody 50 kDa dystrophin-associated glycoprotein antibody 50DAG antibody 50kD DAG antibody 59kDa antibody A2 antibody adhalin antibody ADL antibody Alpha SG antibody Alpha-sarcoglycan antibody Alpha-SG antibody Asg antibody DAG2 antibody DMDA2 antibody Dystroglycan 2 antibody Dystroglycan-2 antibody LGMD2D antibody sarcoglycan, alpha (dystrophin-associated glycoprotein) antibody SCARMD1 antibody Sgca antibody SGCA_HUMAN antibody
Accession No.	Swiss-Prot#:Q16586
Uniprot	Q16586
GeneID	6442;
Calculated MW	50 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

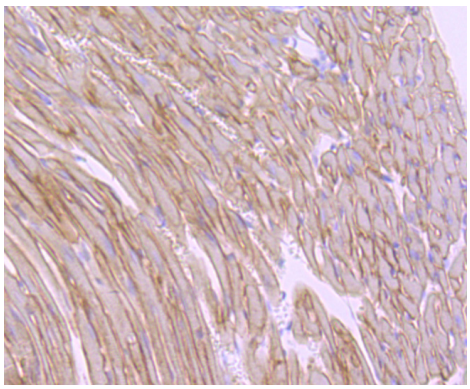
Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200IP: 1:50-1:100

Images



Western blot analysis of alpha sarcoglycan on rat heart cells lysates using anti-alpha sarcoglycan antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti-alpha sarcoglycan antibody. Counter stained with hematoxylin.

Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue using anti-alpha sarcoglycan antibody. Counter stained with hematoxylin.

Background

The sarcoglycan transmembrane proteins are members of the dystrophin complex. Sarcoglycans cluster together to form a complex, which is localized in the cell membrane of skeletal, cardiac, and smooth muscle fibers. Four sarcoglycan subunit proteins, designated α-, β-, γ- and δ-sarcoglycan, form a complex on the skeletal muscle cell surface membrane. A genetic defect in any one of these proteins causes the loss or marked decrease of the whole sarcoglycan complex, which is observed in the autosomal recessive muscular dystrophy, sarcoglycanopathy. In smooth muscle, β- and δ-sarcoglycans are associated with ε-sarcoglycan, a glycoprotein homologous to α-sarcoglycan. Additionally, a complete deficiency in δ-sarcoglycan is the cause of the Syrian hamster BIO.14 cardiomyopathy.

References

Note: This product is for in vitro research use only