gamma Sarcoglycan Rabbit mAb

Catalog No: #49536

Package Size: #49536-1 50ul #49536-2 100ul

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

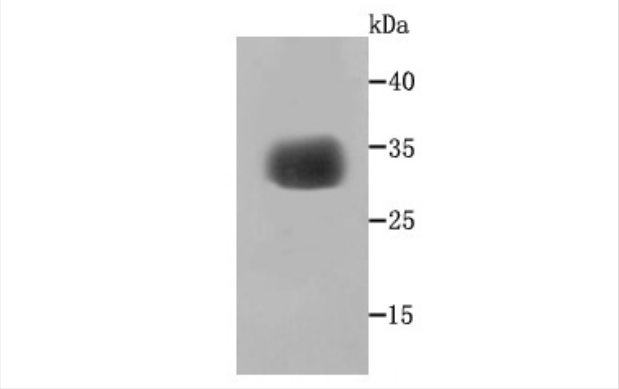
Description

Product Name	gamma Sarcoglycan Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JA11-57
Purification	ProA affinity purified
Applications	WB, IP, IHC
Species Reactivity	Hu, Ms
Immunogen Description	recombinant protein
Other Names	35 kDa dystrophin associated glycoprotein antibody 35 kDa dystrophin-associated glycoprotein antibody 35DAG antibody 35kD dystrophin associated glycoprotein antibody 35kDa dystrophin-associated glycoprotein antibody A4 antibody DAGA4 antibody DMDA antibody DMDA1 antibody Gamma SG antibody Gamma-sarcoglycan antibody Gamma-SG antibody LGMD2C antibody MAM antibody MGC130048 antibody Sarcoglycan gamma antibody SCARMD2 antibody SCG3 antibody SGCG antibody SGCG_HUMAN antibody TYPE antibody
Accession No.	Swiss-Prot#:Q13326
Uniprot	Q13326
GeneID	6445;
Calculated MW	32 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

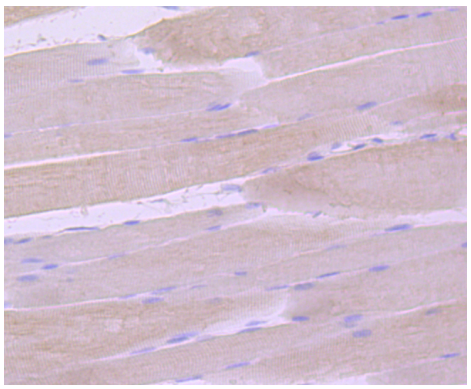
Application Details

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

Images



Western blot analysis of gamma Sarcoglycan on human skeletal muscle cells lysates using anti- gamma Sarcoglycan antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue using anti-gamma 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