

Anti-gamma Sarcoglycan Rabbit Monoclonal Antibody

Catalog # ABO14248

Product Information

Application	WB, IHC, IP
Primary Accession	Q13326
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-gamma Sarcoglycan Rabbit Monoclonal Antibody . Tested in WB, IHC, IP applications. This antibody reacts with Human.

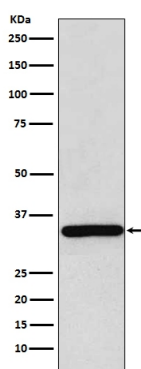
Additional Information

Gene ID	6445
Other Names	Gamma-sarcoglycan, Gamma-SG, 35 kDa dystrophin-associated glycoprotein, 35DAG, SGCG
Calculated MW	32379
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 IP 1:50
Subcellular Localization	Cell membrane, sarcolemma ; Single-pass type II membrane protein. Cytoplasm, cytoskeleton.
Tissue Specificity	Expressed in skeletal and heart muscle.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: AbS34
Immunogen	A synthesized peptide derived from human gamma Sarcoglycan
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

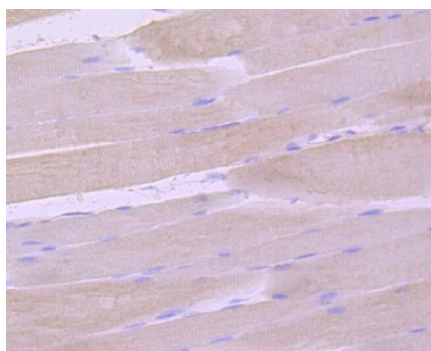
Protein Information

Name	SGCG
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 Location	Cell membrane, sarcolemma; Single- pass type II membrane protein. Cytoplasm, cytoskeleton
Tissue Location	Expressed in skeletal and heart muscle.

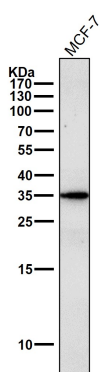
Images



Western blot analysis of gamma Sarcoglycan expression in Human skeletal muscle lysate.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue using anti-gamma Sarcoglycan antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/100) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.