

SGCG Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20498c**Specification**

SGCG Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	O13326
Other Accession	Q0VCU7
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	32379
Antigen Region	145-172

SGCG Antibody (Center) - Additional Information**Gene ID** 6445**Other Names**

Gamma-sarcoglycan, Gamma-SG, 35 kDa dystrophin-associated glycoprotein, 35DAG, SGCG

Target/Specificity

This SGCG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 145-172 amino acids from the Central region of human SGCG.

Dilution

WB~~1:1000

IHC-P~~1:25

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SGCG Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SGCG Antibody (Center) - 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

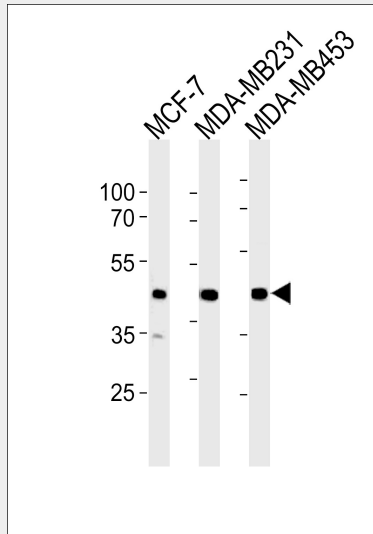
Expressed in skeletal and heart muscle.

SGCG Antibody (Center) - Protocols

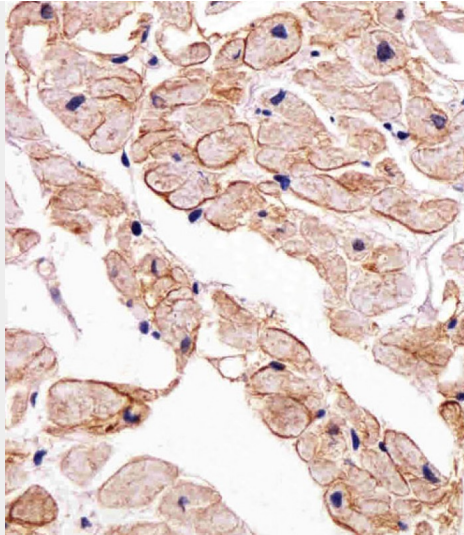
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SGCG Antibody (Center) - Images



SGCG Antibody (Center) (Cat. #AP20498c) western blot analysis in MCF-7,MDA-MB231,MDA-MB453 cell line lysates (35ug/lane).This demonstrates the SGCG antibody detected the SGCG protein (arrow).



Immunohistochemical analysis of paraffin-embedded H. heart section using SGCG Antibody (Center)(Cat#AP20498C). AP20498C was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

SGCG Antibody (Center) - Background

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.

SGCG Antibody (Center) - References

- Noguchi S., et al. Science 270:819-822(1995).
McNally E.M., et al. Am. J. Hum. Genet. 59:1040-1047(1996).
Dunham A., et al. Nature 428:522-528(2004).
Thompson T.G., et al. J. Cell Biol. 148:115-126(2000).
Piccolo F., et al. Hum. Mol. Genet. 5:2019-2022(1996).