

## Rabbit SGCG Polyclonal Antibody | anti-SGCG antibody

SGCG Antibody (Center)

|                               |                       |                                                           |                                                                  |
|-------------------------------|-----------------------|-----------------------------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA286720</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human (Predicted Reactivity: Bovine)</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|-----------------------------------------------------------|------------------------------------------------------------------|

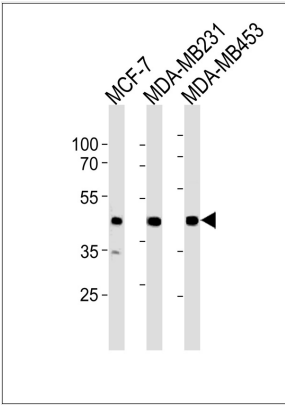
### PRODUCT SYNONYMS

SGCG; Polyclonal Antibody; SGCG Antibody (Center); Gamma-sarcoglycan; Gamma-SG; 35 kDa dystrophin-associated glycoprotein; 35DAG; anti-SGCG antibody

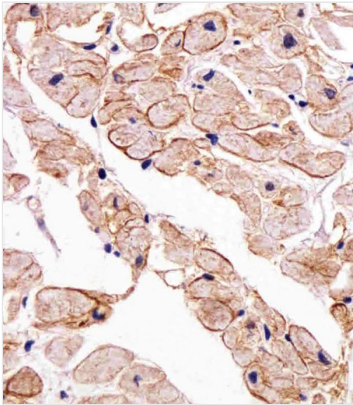
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                       |
| Reactivity                                     | Human (Predicted Reactivity: Bovine)                                                                                                                                         |
| Clonality                                      | Polyclonal                                                                                                                                                                   |
| Isotype                                        | Rabbit Ig                                                                                                                                                                    |
| 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.            |
| Purity/Purification                            | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/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. |
| Concentration                                  | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                             | 145-172                                                                                                                                                                      |
| Sequence Length                                | 291                                                                                                                                                                          |
| Applicable Applications for anti-SGCG antibody | WB (Western Blot), IHC (Immunohistochemistry), ELISA                                                                                                                         |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                            |
| Crown Antibody                                 | Yes                                                                                                                                                                          |
| Antigen Source                                 | Human                                                                                                                                                                        |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**WB (Western Blot)**  
SGCG Antibody (Center) 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).



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded H. heart section using SGCG Antibody (Center). AAA286720 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SGCG antibody | 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.                                                                                                     |
| Product Categories/Family for anti-SGCG antibody   | <a href="#">Crown Antibodies</a> ; <a href="#">Signal Transduction</a>                                                                                                                                                                                                          |
| References                                         | Noguchi S., et al. Science 270:819-822(1995).<br>McNally E.M., et al. Am. J. Hum. Genet. 59:1040-1047(1996).<br>Dunham A., et al. Nature 428:522-528(2004).<br>Thompson T.G., et al. J. Cell Biol. 148:115-126(2000).<br>Piccolo F., et al. Hum. Mol. Genet. 5:2019-2022(1996). |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">4557847</a>                                                  |
| NCBI GeneID                      | <a href="#">6445</a>                                                     |
| NCBI Accession #                 | <a href="#">NP_000222.1</a>                                              |
| NCBI GenBank Nucleotide #        | <a href="#">NM_000231.2</a>                                              |
| UniProt Accession #              | <a href="#">Q13326</a> ; <a href="#">Q32M32</a> ; <a href="#">Q5T9J6</a> |
| Molecular Weight                 | 32379                                                                    |
| NCBI Official Full Name          | gamma-sarcoglycan                                                        |
| NCBI Official Synonym Full Names | sarcoglycan, gamma (35kDa dystrophin-associated glycoprotein)            |
| NCBI Official Symbol             | SGCG                                                                     |
| NCBI Official Synonym Symbols    | A4; MAM; DMDA; SCG3; TYPE; DAGA4; DMDA1; LGMD2C; SCARMD2                 |
| NCBI Protein Information         | gamma-sarcoglycan                                                        |
| UniProt Protein Name             | Gamma-sarcoglycan                                                        |
| UniProt Gene Name                | <b>SGCG</b>                                                              |
| UniProt Synonym Gene Names       | Gamma-SG; 35DAG                                                          |
| UniProt Entry Name               | SGCG_HUMAN                                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sgcg-antibody-western-blot-immunohistochemistry-elisa/286720>