

## Rabbit anti-Human, Mouse SGCA Polyclonal Antibody | anti-SGCA antibody

SGCA Polyclonal Antibody

|                               |                       |                                   |                                                    |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA176378</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|

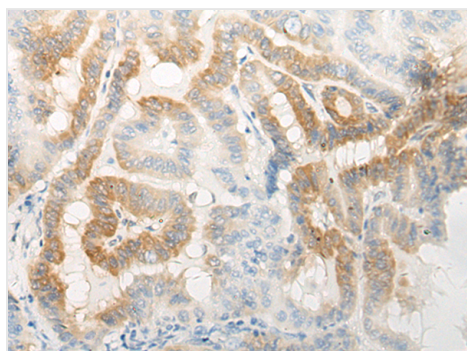
### PRODUCT SYNONYMS

SGCA; Polyclonal Antibody; SGCA Polyclonal Antibody; 50 DAG; 50 kDa dystrophin associated glycoprotein; 50 kDa dystrophin-associated glycoprotein; 50DAG; 50kD DAG; 59kDa; A2; Adhalin; ADL; Alpha SG; Alpha-sarcoglycan; Alpha-SG; Asg; DAG2; DMDA2; Dystroglycan 2; Dystroglycan-2; LGMD2D; Sarcoglycan; alpha (dystrophin-associated glycoprotein); SCARMD1; Sgca; anti-SGCA antibody

### PRODUCT SPECIFICATIONS

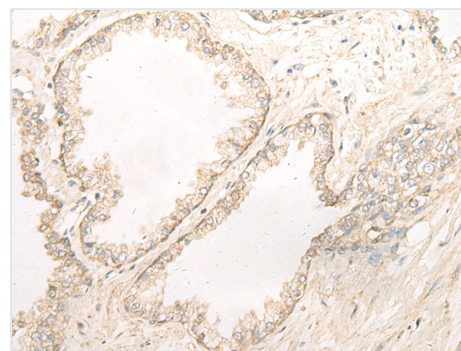
|                                                |                                                         |
|------------------------------------------------|---------------------------------------------------------|
| Host                                           | Rabbit                                                  |
| Reactivity                                     | Human, Mouse                                            |
| Clonality                                      | Polyclonal                                              |
| Isotype                                        | IgG                                                     |
| Purity/Purification                            | Antigen Affinity Purification                           |
| Form/Format                                    | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                  | 1.02mg/mL (varies by lot)                               |
| Sequence Length                                | 387                                                     |
| Applicable Applications for anti-SGCA antibody | ELISA, IHC (Immunohistochemistry)                       |
| Immunogen                                      | Fusion protein of human SGCA                            |
| Conjugation                                    | Unconjugated                                            |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using SGCA Polyclonal Antibody at dilution of 1:30(×200)



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using SGCA Polyclonal Antibody at dilution of 1:30(×200)

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SGCA antibody | This gene encodes a component of the dystrophin-glycoprotein complex (DGC), which is critical to the stability of muscle fiber membranes and to the linking of the actin cytoskeleton to the extracellular matrix. Its expression is thought to be restricted to striated muscle. Mutations in this gene result in type 2D autosomal recessive limb-girdle muscular dystrophy. Multiple transcript variants encoding different isoforms have been found for this gene. |
| Product Categories/Family for anti-SGCA antibody   | Cancer; Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | 4506911                                                   |
| NCBI GeneID                      | 6442                                                      |
| NCBI Accession #                 | NP_000014.1; BC025702                                     |
| NCBI GenBank Nucleotide #        | NP_000014.1                                               |
| UniProt Accession #              | Q16586                                                    |
| NCBI Official Full Name          | alpha-sarcoglycan isoform 1                               |
| NCBI Official Synonym Full Names | sarcoglycan alpha                                         |
| NCBI Official Symbol             | SGCA                                                      |
| NCBI Official Synonym Symbols    | ADL; DAG2; 50DAG; DMDA2; LGMD2D; LGMDR3; SCARMD1; adhalin |
| NCBI Protein Information         | alpha-sarcoglycan                                         |
| UniProt Protein Name             | Alpha-sarcoglycan                                         |
| UniProt Gene Name                | SGCA                                                      |
| UniProt Synonym Gene Names       | ADL; DAG2; Alpha-SG; 50DAG                                |
| UniProt Entry Name               | SGCA_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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