

## Rabbit SGCB Polyclonal Antibody | anti-SGCB antibody

SGCB antibody - middle region

| CATALOG # | HOST   | REACTIVITY                                             | APPLICATIONS |
|-----------|--------|--------------------------------------------------------|--------------|
| AAA199405 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat | Western Blot |

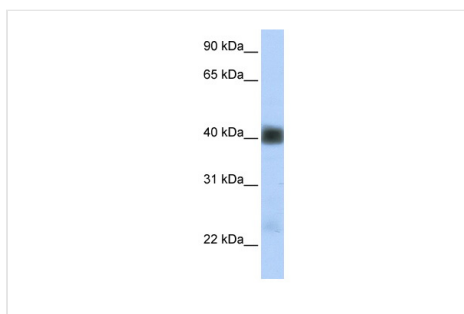
### PRODUCT SYNONYMS

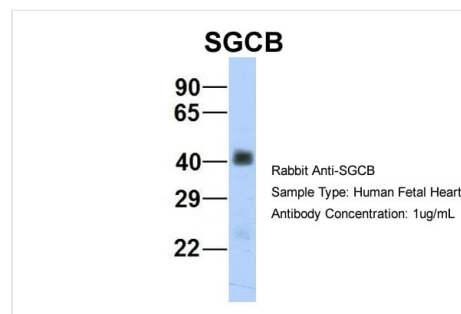
SGCB; Polyclonal Antibody; SGCB antibody - middle region; anti-SGCB antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: FS TDYETHEFHL PSGVKSLNVQ KASTERITSN ATSDLNIKVD GRAIVRGN                                                  |
| Sequence Length                                | 318                                                                                                                                                   |
| Applicable Applications for anti-SGCB antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                       | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%                                                |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the middle region of human SGCB                                                                 |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

WB Suggested Anti-SGCB Antibody Titration: 0.2-1 ug/mL  
ELISA Titer: 1:31250  
Positive Control: Human heart

**WB (Western Blot)**

Host: Rabbit  
Target Name: SGCB  
Sample Type: Human Fetal Heart  
Antibody Dilution: 1.0 ug/ml

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SGCB antibody | <p>This is a rabbit polyclonal antibody against SGCB. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: SGCB is a member of the sarcoglycan family. Sarcoglycans are transmembrane components in the dystrophin-glycoprotein complex which help stabilize the muscle fiber membranes and link the muscle cytoskeleton to the extracellular matrix.The dystrophin-glycoprotein complex (DGC) is a multisubunit protein complex that spans the sarcolemma and provides structural linkage between the subsarcolemmal cytoskeleton and the extracellular matrix of muscle cells. There are 3 main subcomplexes of the DGC: the cytoplasmic proteins dystrophin (DMD; MIM 300377) and syntrophin (SNTA1; MIM 601017), the alpha- and beta-dystroglycans (see MIM 128239), and the sarcoglycans (see, e.g., SGCA; MIM 600119) (Crosbie et al., 2000 [PubMed 10942431]).[supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-1235 BC020709.1 1-1235 1236-1833 U31116.1 1257-1854 1834-4229 AK094731.1 47-2442</p> |
| Product Categories/Family for anti-SGCB antibody   | Polyclonal; Membrane Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                          |
|----------------------------------|--------------------------|
| NCBI GI #                        | 4506913                  |
| NCBI GeneID                      | 6443                     |
| NCBI Accession #                 | NP_000223                |
| NCBI GenBank Nucleotide #        | NM_000232                |
| UniProt Accession #              | Q16585                   |
| Molecular Weight                 | 35kDa                    |
| NCBI Official Full Name          | beta-sarcoglycan         |
| NCBI Official Synonym Full Names | sarcoglycan beta         |
| NCBI Official Symbol             | SGCB                     |
| NCBI Official Synonym Symbols    | A3b; SGC; LGMD2E; LGMDR4 |
| NCBI Protein Information         | beta-sarcoglycan         |
| UniProt Protein Name             | Beta-sarcoglycan         |
| UniProt Gene Name                | SGCB                     |
| UniProt Synonym Gene Names       | Beta-SG; 43DAG           |
| UniProt Entry Name               | SGCB_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/sgcb-antibody-western-blot-elisa/199405>