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

SGCE Polyclonal Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA279967** | **Rabbit** | **Human, Mouse** | **Immunohistochemistry, Western Blot** |

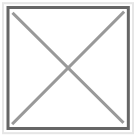
## PRODUCT SYNONYMS

SGCE; Polyclonal Antibody; SGCE Polyclonal Antibody; ESG; DYT11; anti-SGCE antibody

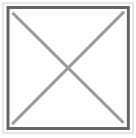
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Purity/Purification** | Affinity Purification |
| **Concentration** | 1mg/ml (varies by lot) |
| **Sequence Length** | 437 |
| **Applicable Applications for anti-SGCE antibody** | IHC (Immunohistochemistry), WB (Western Blot) |
| **Species** | Human |
| **Immunogen** | Recombinant Protein |
| **Immunogen** | Recombinant protein of human SGCE |
| **Calculated Molecular Weight** | 50kDa |
| **Preparation and Storage** | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

## IMAGES



**IF (Immunofluorescence)**
Immunofluorescence analysis of HeLa cells using SGCE antibody. Blue: DAPI for nuclear staining.



**IHC (Immunohiostchemistry)**
Immunohistochemistry of paraffin-embedded mouse heart using SGCE antibody at dilution of 1:200 (40x lens).



**WB (Western Blot)**
Western blot analysis of extracts of various cell lines, using SGCE antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.

## ADDITIONAL INFORMATION

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|---|---|
| **Related Product Information for anti-SGCE antibody** | This gene encodes the epsilon member of the sarcoglycan family. Sarcoglycans are transmembrane proteins that are components of the dystrophin-glycoprotein complex, which link the actin cytoskeleton to the extracellular matrix. Unlike other family members which are predominantly expressed in striated muscle, the epsilon sarcoglycan is more broadly expressed. Mutations in this gene are associated with myoclonus-dystonia syndrome. This gene is imprinted, with preferential expression from the paternal allele. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. |
| **Product Categories/Family for anti-SGCE antibody** | Polyclonal |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 251757514 |
| **NCBI GeneID** | 8910 |
| **UniProt Accession #** | O43556; Q6L8P0; Q75MH8; Q8NFG8; Q8WW28; B2R8N2; D6W5Q8; E9PF60; G5E9K6 |
| **Molecular Weight** | 437 |
| **NCBI Official Full Name** | Epsilon-sarcoglycan |
| **NCBI Official Synonym Full Names** | sarcoglycan, epsilon |
| **NCBI Official Symbol** | SGCE |
| **NCBI Official Synonym Symbols** | ESG; DYT11 |
| **NCBI Protein Information** | epsilon-sarcoglycan; epsilon-SG; dystonia 11, myoclonic |
| **UniProt Protein Name** | Epsilon-sarcoglycan |
| **UniProt Gene Name** | **SGCE** |
| **UniProt Synonym Gene Names** | ESG; Epsilon-SG |
| **UniProt Entry Name** | SGCE_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://stage.aaabiotech.com/polyclonal/sgce-antibody-immunohistochemistry-western-blot-elisa/279967