

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

SGCE Polyclonal Antibody

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

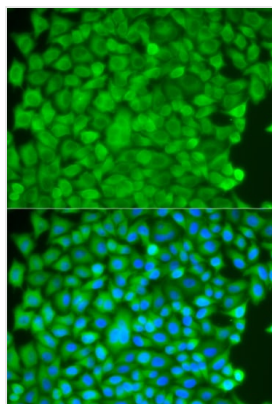
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

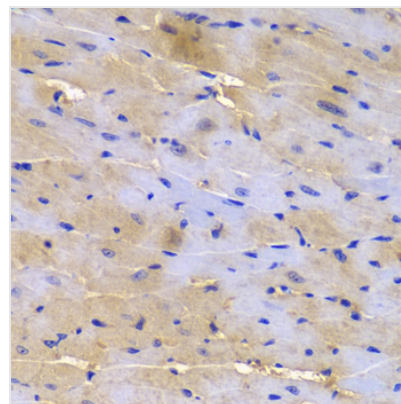
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	437
Applicable Applications for anti-SGCE antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
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. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



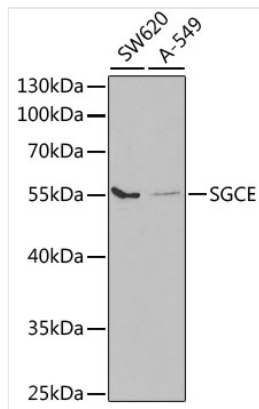
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using SGCE antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/sgce-antibody-immunohistochemistry-western-blot-elisa/279967>