

Rabbit SGCE Polyclonal Antibody | anti-SGCE antibody

SGCE Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326982	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

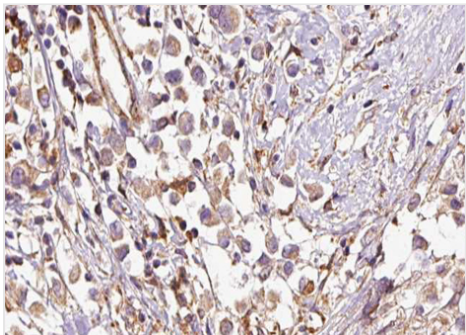
PRODUCT SYNONYMS

SGCE; Polyclonal Antibody; SGCE Antibody; dystonia 11; myoclonic; DYT11; Epsilon sarcoglycan; Epsilon SG; Epsilon-sarcoglycan; Epsilon-SG; ESG; sarcoglycan; epsilon; sgcE; SGCE_HUMAN; anti-SGCE antibody

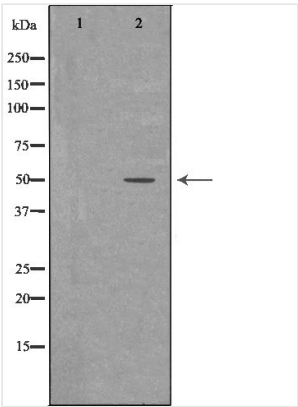
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SGCE antibody detects endogenous levels of total SGCE
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	451
Applicable Applications for anti-SGCE antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SGCE
Subcellular Location	Cell Membrane > Sarcolemma. Cytoplasm > Cytoskeleton.
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Zebrafish (82%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326982 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of Hela whole cell lysates, using SGCE Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SGCE antibody	Description: 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. Function: 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. Post-translational Modifications: N-glycosylated. Ubiquitinated, leading to its degradation by the proteasome. Similarity: Belongs to the sarcoglycan alpha/epsilon family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	150378535
NCBI GeneID	8910
NCBI Accession #	NP_001092870.1
NCBI GenBank Nucleotide #	NM_001099400.1
UniProt Accession #	O43556; Q6L8P0; Q75MH8; Q8NFG8; Q8WW28; B2R8N2; D6W5Q8; E9PF60; G5E9K6
Molecular Weight	Observed: 50 kDa Predicted: 50 kDa
NCBI Official Full Name	epsilon-sarcoglycan isoform 3
NCBI Official Synonym Full Names	sarcoglycan epsilon
NCBI Official Symbol	SGCE
NCBI Official Synonym Symbols	ESG; DYT11; epsilon-SG
NCBI Protein Information	epsilon-sarcoglycan
UniProt Protein Name	Epsilon-sarcoglycan
UniProt Gene Name	SGCE
UniProt Synonym Gene Names	ESG; Epsilon-SG

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/sgce-antibody-immunohistochemistry-western-blot-elisa/326982>