

Rabbit SGCG Polyclonal Antibody | anti-SGCG antibody

SGCG Antibody

CATALOG # AAA323296	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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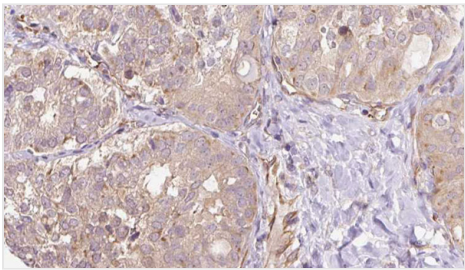
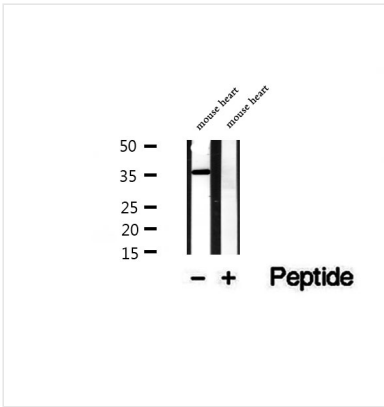
PRODUCT SYNONYMS

SGCG; Polyclonal Antibody; SGCG Antibody; 35 kDa dystrophin associated glycoprotein; 35 kDa dystrophin-associated glycoprotein; 35DAG; 35kD dystrophin associated glycoprotein; 35kDa dystrophin-associated glycoprotein; A4; DAGA4; DMDA; DMDA1; Gamma SG; Gamma-sarcoglycan; Gamma-SG; LGMD2C; MAM; MGC130048; Sarcoglycan gamma; SCARMD2; SCG3; SGCG_HUMAN; TYPE; anti-SGCG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SGCG antibody detects endogenous levels of SGCG.
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	291
Applicable Applications for anti-SGCG antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SGCG.
Subcellular Location	Cell Membrane > Sarcolemma. Cytoplasm > Cytoskeleton.
Tissue Specificity	Expressed in skeletal and heart muscle.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Dog
Similarity	Bovine (86%), Horse (88%), Sheep (86%), Dog (86%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323296 at 1/100 staining Human thyroid 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 extracts of mouse heart tissue, using SGCG antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SGCG antibody	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. Subunit Structure: Interacts with the syntrophin SNTA1. Cross-link to form 2 major subcomplexes: one consisting of SGCB, SGCD and SGCG and the other consisting of SGCB and SGCD. The association between SGCB and SGCG is particularly strong while SGCA is loosely associated with the other sarcoglycans (By similarity). Interacts with FLNC. Similarity: Belongs to the sarcoglycan beta/delta/gamma/zeta family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557847
NCBI GeneID	6445
NCBI Accession #	NP_000222.1
NCBI GenBank Nucleotide #	NM_000231.2
UniProt Accession #	Q13326; Q32M32; Q5T9J6
Molecular Weight	Observed: 35-38 kDa Predicted: 33 kDa
NCBI Official Full Name	gamma-sarcoglycan
NCBI Official Synonym Full Names	sarcoglycan gamma
NCBI Official Symbol	SGCG
NCBI Official Synonym Symbols	A4; MAM; DMDA; SCG3; 35DAG; DAGA4; DMDA1; LGMD2C; LGMDR5; SCARMD2; gamma-SG
NCBI Protein Information	gamma-sarcoglycan
UniProt Protein Name	Gamma-sarcoglycan
UniProt Gene Name	SGCG
UniProt Synonym Gene Names	Gamma-SG; 35DAG

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.