

Rabbit SGCD Polyclonal Antibody | anti-SGCD antibody

SGCD Polyclonal Antibody

CATALOG # AAA281028	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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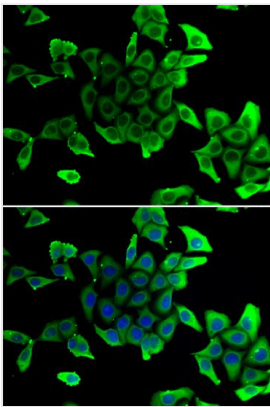
PRODUCT SYNONYMS

SGCD; Polyclonal Antibody; SGCD Polyclonal Antibody; 35DAG; CMD1L; DAGD; SG-delta; SGCDP; SGD; anti-SGCD antibody

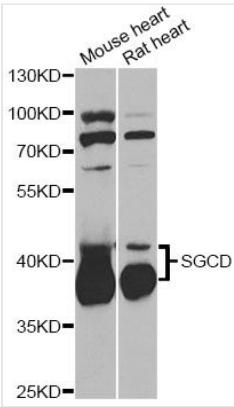
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	NFTIDGMGNL RITEKGLKLE GDSEFLQPLY AKEIQSRPGN ALYFKSARNV TVNILNDQTK VLTQLITGPK AVEAYGKKFE VKTVSGKLLF SADNNEVVVG AERLRVLGAE GTVFPKSIET PNVRADPFKE LRLESPTRSL VMEAPKGVEI NAEAGNMEAT CRTELRLLESK DGEIKLDAK IRLPRLPHGS YTPGTGRQKV FEICVCANGR LFLSQAGAGS TCQINTSVCL
Sequence Length	290
Applicable Applications for anti-SGCD antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human SGCD
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cell membrane, Cytoplasm, Single-pass type II membrane protein, cytoskeleton, sarcolemma
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using SGCD antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using SGCD 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-SGCD antibody	The protein encoded by this gene is one of the four known components of the sarcoglycan complex, which is a subcomplex of the dystrophin-glycoprotein complex (DGC). DGC forms a link between the F-actin cytoskeleton and the extracellular matrix. This protein is expressed most abundantly in skeletal and cardiac muscle. Mutations in this gene have been associated with autosomal recessive limb-girdle muscular dystrophy and dilated cardiomyopathy. Alternatively spliced transcript variants encoding distinct isoforms have been observed for this gene.
Product Categories/Family for anti-SGCD antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21314619
NCBI GeneID	6444
NCBI Accession #	NP_000328.2
NCBI GenBank Nucleotide #	NM_000337.5
UniProt Accession #	Q92629 ; Q53XA5 ; Q99644 ; A8K9S9
Molecular Weight	Calculated: 28kDa; 32kDa Observed: 32kDa
NCBI Official Full Name	delta-sarcoglycan isoform 1
NCBI Official Synonym Full Names	sarcoglycan delta
NCBI Official Symbol	SGCD
NCBI Official Synonym Symbols	SGD; DAGD; 35DAG; CMD1L; SGCDP; SG-delta
NCBI Protein Information	delta-sarcoglycan
UniProt Protein Name	Delta-sarcoglycan
UniProt Gene Name	SGCD
UniProt Synonym Gene Names	Delta-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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sgcd-antibody-immunofluorescence-western-blot-elisa/281028>