

SGCG

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:1000 - 1:2000

Calculated MW: 32kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human SGCG

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

A4; MAM; DMDA; SCG3; 35DAG; DAGA4; DMDA1; LGMD2C; SCARMD2; gamma-SG;

Catalog #: A10540

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6445

Isotype: IgG

Swiss Prot: Q13326

Purity: Affinity purification

For research use only.

Background:

This gene encodes gamma-sarcoglycan, one of several sarcolemmal transmembrane glycoproteins that interact with dystrophin. The dystrophin-glycoprotein complex (DGC) spans the sarcolemma and is comprised of dystrophin, syntrophin, alpha- and beta-dystroglycans and sarcoglycans. The DGC provides a structural link between the subsarcolemmal cytoskeleton and the extracellular matrix of muscle cells. Defects in the encoded protein can lead to early onset autosomal recessive muscular dystrophy, in particular limb-girdle muscular dystrophy, type 2C (LGMD2C).

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