

## SGCG

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IP

**Recommended Dilution:** WB 1:200 - 1:2000 IHC 1:20 - 1:200 IP 1:20 - 1:50

**Calculated MW:** 32kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic Peptide of human SGCG

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

A4; MAM; DMDA; SCG3; TYPE; DAGA4; DMDA1; LGMD2C; SCARMD2;

**Catalog #:** A4110

**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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