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EB09349 - Goat Anti-gamma sarcoglycan Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SGCG, sarcoglycan, gamma (35kDa dystrophin-associated glycoprotein), A4, DAGA4, DMDA, DMDA1, LGMD2C, MAM, MGC130048, SCARMD2, SCG3, TYPE, 35kD dystrophin-associated glycoprotein, Maghrebian myopathy (autosomal recessive), OTTHUMP0000018112, gamma sarcoglycan, limb girdle muscular dystrophy 2C (Duchenne-like muscular dystrophy, autosomal recessive), sarcoglycan, gamma (35kD dystrophin-associated glycoprotein)

Official Symbol: SGCG

Accession Number(s): NP_000222.1

Human GeneID(s): 6445

Immunogen

Peptide with sequence C-NQQFQINSNDGKP, from the internal region of the protein sequence according to NP_000222.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:2000.

Western blot: Preliminary experiments gave an approx 45kDa band in Human Heart lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 32.4kDa according to NP_000222.1. The 45kDa band was successfully blocked by incubation with the immunizing peptide.

Species Reactivity

Tested:

Expected from sequence similarity: Human