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Research Use Only. Not for diagnostic or therapeutic use.

EB10758-B - Goat Anti-Delta-Sarcoglycan (aa245-257), Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SGCD, sarcoglycan delta, 35DAG, CMD1L, DAGD, SG-delta, SGCDP, SGD, 35 kDa dystrophin-associated glycoprotein, delta-SG, dystrophin associated glycoprotein, delta sarcoglycan, placental delta sarcoglycan, sarcoglycan, delta (35kDa dystrophin-associated glycoprotein)

Official Symbol: SGCD

Accession Number(s): NP_000328.2; NP_001121681.1

Human GeneID(s): 6444

Non-Human GeneID(s): 24052 (mouse), 497892 (rat)

Important Comments: This antibody is expected to recognize isoform 1 (NP_000328.2)

and isoform 3 (NP_001121681.1).

Immunogen

Peptide with sequence C-RLPHGSYTPTGTR., from the internal region of the protein sequence according to NP_000328.2; NP_001121681.1.

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 1:16000.

Western blot: Approx 37kDa band observed in Human Heart lysates (calculated MW of 32.2kDa according to NP_000328.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa

15kDa

25kDa

20kDa

Biotinylated EB10758 (0.3µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.