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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



Biotinylated EB10758 (0.3 μ g/ml) staining of Human Heart lysate (35 μ g 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.