

Goat anti-Delta-Sarcoglycan (aa245-257), Biotinylated Antibody

Item Number	dAP-3382
Target Molecule	Principle Name: Delta-Sarcoglycan (aa245-257), Biotinylated; Official Symbol: SGCD; All Names and Symbols: 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 gly; Accession Number (s): NP_000328.2; NP_001121681.1; Human Gene ID(s): 6444; Non-Human GeneID(s): 24052 (mouse) 497892 (rat)
Immunogen	RLPHGSYTPGTR., is from internal region This antibody is expected to recognize isoform 1 (NP_000328.2) and isoform 3 (NP_001121681.1).
Applications	Pep ELISA, WB, IHC Species Tested: Human, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	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.
IHC	
Reference	Reference(s): Sharma P, Tran T, Stelmack GL, McNeill K, Gosens R, Mutawe MM, Unruh H, Gerthoffer WT, Halayko AJ. Expression of the dystrophin-glycoprotein complex is a marker for human airway smooth muscle phenotype maturation. American journal of physiology. Lung cellular and molecular physiology

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**