



[Go to Product page](#)

Datasheet for ABIN5539716

anti-SGCD antibody (AA 245-257) (Biotin)

1 Image

Overview

Quantity:	100 µg
Target:	SGCD
Binding Specificity:	AA 245-257
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SGCD antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	Delta-Sarcoglycan (aa245-257), Biotinylated
Sequence:	RLPHGSYTPT GTR.
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform 1 (NP_000328.2) and isoform 3 (NP_001121681.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	SGCD
Alternative Name:	SGCD (SGCD Products)
Background:	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 (35 kDa dystrophin-associated gly
Gene ID:	6444, 24052, 497892
NCBI Accession:	NP_000328 , NP_001121681
Pathways:	Maintenance of Protein Location

Application Details

Application Notes:	Western Blot: Approx 37 kDa band observed in Human Heart lysates (calculated MW of 32.2 kDa according to NP_000328.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. Biotinylated ABIN5539716 (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.