

DNAXPab

Hard-to-Find
Antibody

SGCG DNAXPab

Catalog # H00006445-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SGCG DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MVREQYTTATEGICIERPENQYVYKIGIYGWRKRCLYLFVLLLLIILVVNLALTWILKVMWFSPAGMG HLCVTKDGLRLEGSEFLFPLYAKEIHSRVDSSLLQLSTQNVTVNARNSEGEVTGRLKVGPKMVE VQNQQFQINSNDGKPLFTVDEKEVVVGTDKLRVTGPEGALFEHSVETPLVRADPFQDLRLSPT RSLMDAPRGVHIQAHAGKIEALSQMDILFHSSDGMLVLDAETVCLPKLVQGTWGPSSQSPLY EICVCPDGKLYLSVAGVSTTCQEHSICL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SGCG

Entrez GeneID	6445
GeneBank Accession#	NM_000231.1
Protein Accession#	NP_000222.1
Gene Name	SGCG
Gene Alias	A4, DAGA4, DMDA, DMDA1, LGMD2C, MAM, MGC130048, SCARMD2, SCG3, TYPE
Gene Description	sarcoglycan, gamma (35kDa dystrophin-associated glycoprotein)
Omim ID	253700 608896
Gene Ontology	Hyperlink
Gene Summary	This gene encodes gamma-sarcoglycan, one of several sarcolemmal transmembrane glycoproteins that interact with dystrophin. The dystrophin-glycoprotein complex (DGC) spans the sarcolemma and is comprised of dystrophin, syntrophin, alpha- and beta-dystroglycans and sarcoglycans. The DGC provides a structural link between the subsarcolemmal cytoskeleton and the extracellular matrix of muscle cells. Defects in the encoded protein can lead to early onset autosomal recessive muscular dystrophy, in particular limb-girdle muscular dystrophy, type 2C (LGMD2C). [provided by RefSeq]
Other Designations	35kD dystrophin-associated glycoprotein OTTHUMP00000018112 gamma sarcoglycan sarcoglycan, gamma (35kD dystrophin-associated glycoprotein)

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)

Disease

- [Muscular Dystrophies](#)
- [Tobacco Use Disorder](#)