

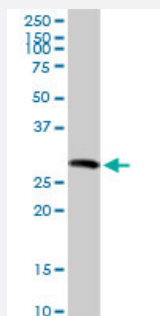
MaxPab®

SGCG MaxPab rabbit polyclonal antibody (D01)

Catalog # H00006445-D01

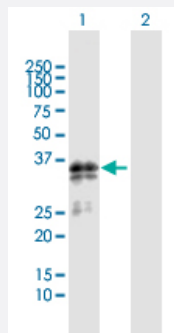
Size 100 uL

Applications



Western Blot (Tissue lysate)

SGCG MaxPab rabbit polyclonal antibody. Western Blot analysis of SGCG expression in human kidney.

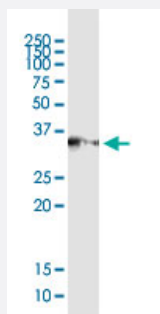


Western Blot (Transfected lysate)

Western Blot analysis of SGCG expression in transfected 293T cell line ([H00006445-T02](#)) by SGCG MaxPab polyclonal antibody.

Lane 1: SGCG transfected lysate(32.40 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of SGCG transfected lysate using anti-SGCG MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with SGCG purified MaxPab mouse polyclonal antibody (B01P) ([H00006445-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human SGCG protein.

Immunogen	SGCG (NP_000222.1, 1 a.a. ~ 291 a.a) full-length human protein.
Sequence	MVREQYTTATEGICIERPENQYVYKIGYGWRKRCLYLFVLLLLILVNLALTIWILKVMWFSPAGMG HLCVTKDGLRLEGSEFLFPLYAKEIHSRVDSSLLLQSTQNVTVNARNSEGEVTGRLKVGPKMVE VQNNQFQINSNDGKPLFTVDEKEVVVGTDKLRVTGPEGALFEHSVETPLVRADPFQDLRLSPT RSLSMDAPRGVHIQAHAGKIEALSQMDILFHSSDGMLVLD AETVCLPKLVQGTWGPSGSSQSLY EICVCPDGKLYLSVAGVSTTCQEHSICL
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

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- Immunoprecipitation

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[Protocol Download](#)

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)

Publication Reference

- [Efficient exon skipping of SGCG mutations mediated by phosphorodiamidate morpholino oligomers.](#)

Wyatt EJ, Demonbreun AR, Kim EY, Puckelwartz MJ, Vo AH, Dellefave-Castillo LM, Gao QQ, Vainzof M, Pavanello RCM, Zatz M, McNally EM.

JCI Insight 2018 May; 3(9):99357.

Application: Wb-Tr, Human, iMyoD-transduced fibroblasts

Pathway

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

Disease

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