

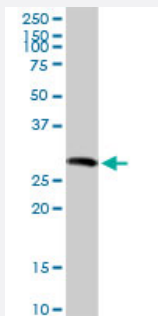
MaxPab®

SGCG purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00006445-D01P

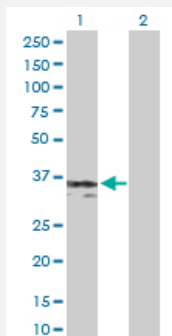
Size 100 ug

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.

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

MVREQYTTATEGICIERPENQYVYKIGYGWRKRCLYFVLLLLILVVNLALTWILKVMWFSPAGMG
HLCVTKDGLRLEGSEFLFPLYAKEIHSRVDSSLLQLSTQNVTVNARNSEGEVTGRLKVGPKMVE
VQNNQFQINSNDGKPLFTVDEKEVVVGTDKLRVTGPEGALFEHSVETPLVRADPFQDLRLSPT
RSLMDAPRGVHIQAHAGKIEALSQMDILFHSSDGMLVLDAAETVCLPKLVQGTWGPSGSSQSLY
EICVCPDGKLYLSVAGVSTTCQEHSHICL

Host

Rabbit

Reactivity	Human
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.

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- Western Blot (Tissue lysate)

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[Protocol Download](#)

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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](#)