

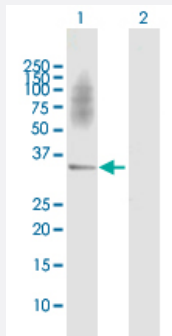
MaxPab®

SGCD MaxPab rabbit polyclonal antibody (D01)

Catalog # H00006444-D01

Size 100 uL

Applications

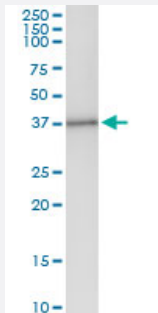


Western Blot (Transfected lysate)

Western Blot analysis of SGCD expression in transfected 293T cell line ([H00006444-T02](#)) by SGCD MaxPab polyclonal antibody.

Lane 1: SGCD transfected lysate(32.20 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of SGCD transfected lysate using anti-SGCD MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with SGCD MaxPab mouse polyclonal antibody (B01) ([H00006444-B01](#)).

Specification

Product Description

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

Immunogen

SGCD (NP_000328.2, 1 a.a. ~ 290 a.a) full-length human protein.

Sequence

MMPQEQYTHHRSTMPGSVGPQVYKVGYGWRKRCLYFFVLLLMLILVNLAMTWILKVMNFTIDGM
GNLRITEKGLKLEGDSEFLQPLYAKEIQSRPGNALYFKSARNVTNINLNDQTKVLTQLITGPKAVEAY
GKKFEVKTVSGKLLFSADNNEVVGAERLRVLGAEGTVFPKSIETPNVRADPFKELRLESPTSL
VMEAPKGVEINAEAGNMEATCRTELRLSKDGEIKLDAKIRLPRLPHGSYPTGTGRQKVFEICVC
ANGRLFLSQAGAGSTCQINTSVCL

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

- Western Blot (Transfected lysate)

Western Blot analysis of SGCD expression in transfected 293T cell line ([H00006444-T02](#)) by SGCD MaxPab polyclonal antibody.

Lane 1: SGCD transfected lysate(32.20 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of SGCD transfected lysate using anti-SGCD MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with SGCD MaxPab mouse polyclonal antibody (B01) ([H00006444-B01](#)).

[Protocol Download](#)

Gene Info — SGCD

Entrez GeneID	6444
GeneBank Accession#	NM_000337.4
Protein Accession#	NP_000328.2
Gene Name	SGCD
Gene Alias	35DAG, CMD1L, DAGD, MGC22567, SG-delta, SGCDP, SGD
Gene Description	sarcoglycan, delta (35kDa dystrophin-associated glycoprotein)
Omim ID	601287 601411 606685
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is one of the four known components of the sarcoglycan complex, which is a subcomplex of the dystrophin-glycoprotein complex (DGC). DGC forms a link between the F-actin cytoskeleton and the extracellular matrix. This protein is expressed most abundantly in skeletal and cardiac muscle. Mutations in this gene have been associated with autosomal recessive limb-girdle muscular dystrophy and dilated cardiomyopathy. Alternatively spliced transcript variants encoding distinct isoforms have been observed for this gene. [provided by RefSeq]

Other Designations

35kD dystrophin-associated glycoprotein|delta-sarcoglycan|dystrophin associated glycoprotein, delta sarcoglycan|placental delta sarcoglycan|sarcoglycan, delta (35kD dystrophin-associated glycoprotein)

Pathway

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

Disease

- [Angina Pectoris](#)
- [Carcinoma](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Coronary Vasospasm](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)