

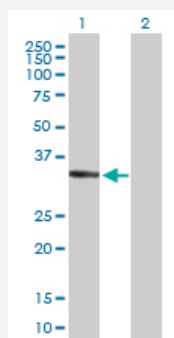
MaxPab®

SGCD purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006444-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SGCD expression in transfected 293T cell line ([H00006444-T01](#)) by SGCD MaxPab polyclonal antibody.

Lane 1: SGCD transfected lysate(31.9 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse 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

MMPQEQYTHHRSTMPGSVGPQVYKVGIGWRKRCLYFFVLLLMLILVNLAMTWILKVMNFTIDGM
GNLRITEKGLKLEGDSEFLQPLYAKEIQSRPGNALYFKSARNVTVNILNDQTKVLTQLITGPKAVEAY
GKKFEVKTVSGKLLFSADNNEVVGAERLRVLGAEGTVFPKSIETPNVRADPFKELRLESPTRSL
VMEAPKGVEINAEAGNMEATCRTELRLSKDGEIKLDAAKIRLPRLPHGSYPTGTGRQKVFEICVC
ANGRLFLSQAGAGSTCQINTSVCL

Host

Mouse

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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[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](#)