DNAxPAb | Hard-to-Find Antibody

SGCA DNAxPab

Catalog # H00006442-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SGCA DNA using DNAx™ Immune tec hnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAETLFWTPLLVVLLAGLGDTEAQQTTLHPLVGRVFVHTLDHETFLSLPEHVAVPPAVHITYHAHL QGHPDLPRWLRYTQRSPHHPGFLYGSATPEDRGLQVIEVTAYNRDSFDTTRQRLVLEIGDPEGPL LPYQAEFLVRSHDAEEVLPSTPASRFLSALGGLWEPGELQLLNVTSALDRGGRVPLPIEGRKEGV YIKVGSASPFSTCLKMVASPDSHARCAQGQPPLLSCYDTLAPHFRVDWCNVTLVDKSVPEPAD EVPTPGDGILEHDPFFCPPTEAPDRDFLVDALVTLLVPLLVALLLTLLLAYVMCCRREGRLKRDLA TSDIQMVHHCTIHGNTEELRQMAASREVPRPLSTLPMFNVHTGERLPPRVDSAQVPLILDQH
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 — SGCA

Entrez GeneID	6442
GeneBank Accession#	NM_000023.1
Protein Accession#	NP_000014.1
Gene Name	SGCA
Gene Alias	50-DAG, A2, ADL, DAG2, DMDA2, LGMD2D, SCARMD1, adhalin
Gene Description	sarcoglycan, alpha (50kDa dystrophin-associated glycoprotein)
Omim ID	600119 608099
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a component of the dystrophin-glycoprotein complex (DGC), which is critical t o the stability of muscle fiber membranes and to the linking of the actin cytoskeleton to the extrace llular matrix. Its expression is thought to be restricted to striated muscle. Mutations in this gene res ult in type 2D autosomal recessive limb-girdle muscular dystrophy. Multiple transcript variants enc oding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	50kD DAG|sarcoglycan, alpha

Pathway

- Arrhythmogenic right ventricular cardiomyopathy (ARVC)
- Hypertrophic cardiomyopathy (HCM)