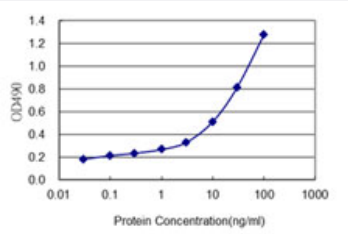
SGCG (Human) Matched Antibody Pair

Catalog # H00006445-AP22 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human SGCG.
Reactivity	Human
Quality Control Testing	Standard curve using recombinant protein (H00006445-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-SGCG (100 ug) 2. Detection antibody: mouse purified polyclonal anti-SGCG (20 ug) *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

Protocol Download

Gene Info — SGCG

Entrez GeneID	6445
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