

SGCB Rabbit pAb

Catalog # AP99434

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q16585
Other Accession	Q16585
Reactivity	Rat, Human, Mouse
Predicted	Pig, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34777
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SGCB
Epitope Specificity	165-260/318
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the sarcoglycan family. Sarcoglycans are transmembrane components in the dystrophin-glycoprotein complex which help stabilize the muscle fiber membranes and link the muscle cytoskeleton to the extracellular matrix. Mutations in this gene have been associated with limb-girdle muscular dystrophy.[provided by RefSeq, Oct 2008]

Additional Information

Gene ID	6443
Other Names	A3b; LGMD2E; LGMDR4; SGC; SGCB_HUMAN; SGCB; Beta-SG; 43 kDa dystrophin-associated glycoprotein (43DAG); sarcoglycan beta; sarcoglycan, beta (43kDa dystrophin-associated glycoprotein)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	SGCB
Function	Component of the sarcoglycan complex, a subcomplex of the

dystrophin-glycoprotein complex which forms a link between the F-actin cytoskeleton and the extracellular matrix.

Cellular Location

Cell membrane, sarcolemma; Single-pass type II membrane protein. Cytoplasm, cytoskeleton

Tissue Location

Highest expression in heart and skeletal muscle. Low expression in brain, kidney, placenta, pancreas and lung. High expression in fetal brain. Also found in fetal lung, kidney and liver

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.