

Rabbit Anti-beta Sarcoglycan/PE Conjugated antibody

SL1127R-PE

Product Name	Anti-beta Sarcoglycan/PE
Chinese Name	PE 标记的肌聚多糖-β 抗体
Alias	beta Sarcoglycan; beta-sarcoglycan; Sarcoglycan beta; BETA SARCOGLYCAN; A3b; LGMD2E; SGC; 43 kDa dystrophin associated glycoprotein; 43DAG; A3b; Beta SG; LGMD2E; SGC; SGCB; AI747103; AI844814; LOC687025; SGCB_HUMAN; Beta-sarcoglycan; Beta-SG; 43 kDa dystrophin-associated glycoprotein.
Research Area	Cell biology immunology Signal transduction glycoprotein
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,Mouse,Rat(predicted:Dog,Pig,Cow,Horse,Rabbit)
Applications	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	35kDa
Cellular localization	The cell membrane
Form	Lyophilized or Liquid
Concentration immunogen	1mg/ml KLH conjugated synthetic peptide derived from human SGCB
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background:

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.

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. Tissue specificity: 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. PTM: Disulfide bonds are present By similarity. Sequence similarities: Belongs to the sarcoglycan beta/delta/gamma/zeta family.

Subcellular Location:

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

Database links:

[Entrez Gene: 6443](#) Human

[Omim: 600900](#) Human

[SwissProt: Q16585](#) Human

[Unigene: 438953](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.