

产品名称: Sarcoglycan- β Rabbit Polyclonal Antibody
产品货号: APRab17607



产品概述 (Summary)

产品名称 (Production Name)	Sarcoglycan- β Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SGCB
别名 (Alternative Names)	SGCB; Beta-sarcoglycan; Beta-SG; 43 kDa dystrophin-associated glycoprotein; 43DAG; A3b
基因 ID (Gene ID)	6443.0
蛋白 ID (SwissProt ID)	Q16585.The antiserum was produced against synthesized peptide derived from human Sarcoglycan-beta. AA range:87-136

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	43kDa

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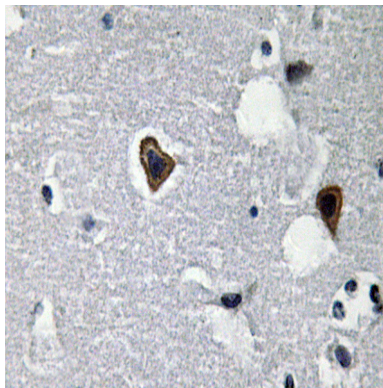
研究背景 (Background)

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.[provided by RefSeq, Oct 2008],disease:Defects in SGCB are the cause of limb-girdle muscular dystrophy type 2E (LGMD2E) [MIM:604286]. LGMD2E is an autosomal recessive disorder.,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.,online information:SGCB mutations in LGMD2E,PTM:Disulfide bonds are present.,similarity:Belongs to the sarcoglycan beta/delta/gamma/zeta family.,subunit:Cross-link to form 2 major subcomplexes: one consisting of SGCB, SGCD and SGCG and the other consisting of SGCB and SGCD. The association between SGCB and SGCG is particularly strong while SGCA is loosely associated with the other sarcoglycans.,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.,

研究领域 (Research Area)

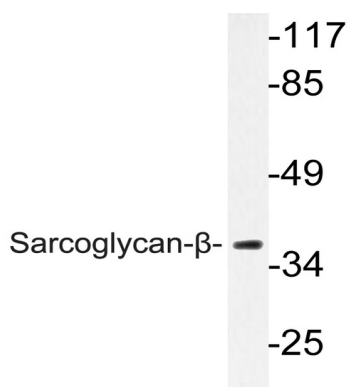
Hypertrophic cardiomyopathy (HCM);Arrhythmogenic right ventricular cardiomyopathy (ARVC);Dilated cardiomyopathy;Viral myocarditis;

图片 (Image Data)

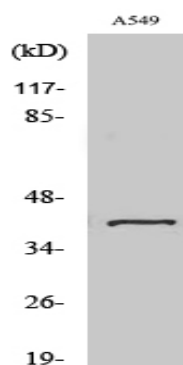


Immunohistochemistry analysis of Sarcoglycan- β antibody in paraffin-embedded human brain tissue.

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Western blot analysis of lysate from A549 cells, using Sarcoglycan- β antibody.



Western Blot analysis of various cells using Sarcoglycan- β Polyclonal Antibody

注意事项 (Note)

For research use only .