

For Research Use Only

SGCZ Polyclonal antibody

Catalog Number: 21614-1-AP



Basic Information

Catalog Number: 21614-1-AP	GenBank Accession Number: BC125037	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 137868	Recommended Dilutions: WB 1:500-1:2000 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: Q96LD1	
Isotype: IgG	Full Name: sarcoglycan zeta	
Immunogen Catalog Number: AG16305	Calculated MW: 265 aa, 30 kDa	
	Observed MW: 30-40 kDa	

Applications

Tested Applications: IF-P, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse heart tissue, mouse brain tissue, rat heart tissue IF : mouse heart tissue,

Background Information

Sarcoglycan zeta, also known as SGCZ, ZSG1, is part of the sarcoglycan complex. The sarcoglycan complex is part of the dystrophin-associated glycoprotein complex (DGC), which bridges the inner cytoskeleton and the extracellular matrix. SGCZ plays a role in the maintenance of striated muscle membrane stability. SGCZ was also found as a component of the vascular smooth muscle sarcoglycan complex. SGCZ was reduced at the membrane in muscular dystrophy (PMID: 12189167).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

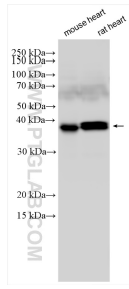
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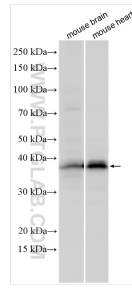
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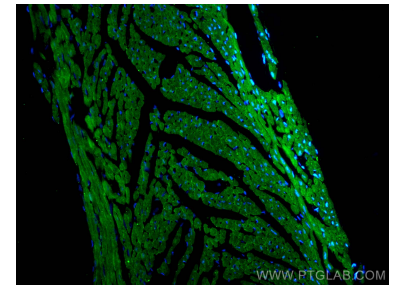
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21614-1-AP (SGCZ antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 21614-1-AP (SGCZ antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using SGCZ antibody (21614-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).