

For Research Use Only

SUR2/ABCC9 Polyclonal antibody

Catalog Number: 13599-1-AP



Basic Information

Catalog Number: 13599-1-AP	GenBank Accession Number: BC033804	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop;	GeneID (NCBI): 10060	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: ATP-binding cassette, sub-family C (CFTR/MRP), member 9	
Isotype: IgG	Calculated MW: 1549 aa, 174 kDa	
Immunogen Catalog Number: AG4536	Observed MW: 174 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse heart tissue, mouse skeletal muscle tissue, unboiled mouse heart tissue
Species Specificity: human, mouse	

Background Information

ABCC9, also known as SUR2, belongs to the ABC transporter superfamily. ABCC9 is a subunit of ATP-sensitive potassium channels (KATP), forming cardiac and smooth muscle-type KATP channels with KCNJ11. KCNJ11 forms the channel pore while ABCC9 is required for activation and regulation (PMID: 9831708). ABCC9 is thought to form ATP-sensitive potassium channels in cardiac, skeletal, vascular, and non-vascular smooth muscle. Defects in ABCC9 cause dilated cardiomyopathy 10 and familial atrial fibrillation type 12 (ATFB12)(PMID: 15034580,17245405).

Storage

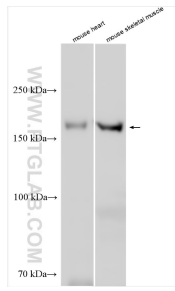
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

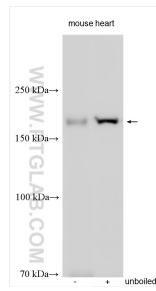
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13599-1-AP (SUR2/ABCC9 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



mouse heart were subjected to SDS PAGE followed by western blot with 13599-1-AP (SUR2/ABCC9 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.