

For Research Use Only

KCNJ18 Polyclonal antibody

Catalog Number:30911-1-AP



Basic Information

Catalog Number: 30911-1-AP	GenBank Accession Number: NM_001194958	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 380 ug/ml by Nanodrop;	GeneID (NCBI): 100134444	Recommended Dilutions: WB 1:500-1:3000 IF-P 1:50-1:500
Source: Rabbit	UNIPROT ID: B7U540	
Isotype: IgG	Full Name: similar to hkir2.2x	
Immunogen Catalog Number: AG34177	Calculated MW: 49 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: WB, IF-P, ELISA	Positive Controls: WB : mouse skin tissue, IF-P : mouse skin tissue,
Species Specificity: Human, mouse	

Background Information

Mutations in KCNJ18 gene encoding an inwardly rectifying potassium channel (Kir2.6) cause thyrotoxic periodic paralysis (TPP) and sporadic, that is, non-familial cases of HypoPP. Mutant Kir2.6 proteins form a heterotetrameric Kir channel complex with Kir2.1 and thereby reduce cell surface expression of the complex. (PMID: 25882930)

Storage

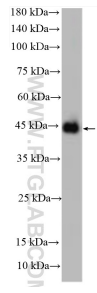
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

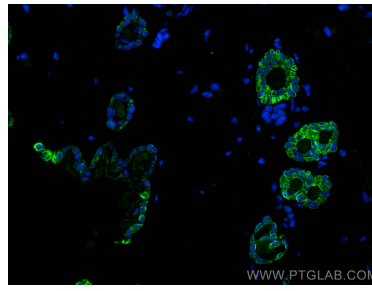
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



mouse skin tissue were subjected to SDS PAGE followed by western blot with 30911-1-AP (KCNJ18 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse skin tissue using KCNJ18 antibody (30911-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).