

For Research Use Only

KCNJ18 Polyclonal antibody

Catalog Number:30911-1-AP



Basic Information

Catalog Number:

30911-1-AP

Size:

380 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34177

GenBank Accession Number:

NM_001194958

GeneID (NCBI):

100134444

UNIPROT ID:

B7U540

Full Name:

similar to hkir2.2x

Calculated MW:

49 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:3000

IF-P 1:50-1:500

Applications

Tested Applications:

WB, IF-P, ELISA

Species Specificity:

Human, mouse

Positive Controls:

WB : mouse skin tissue,

IF-P : mouse skin tissue,

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

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

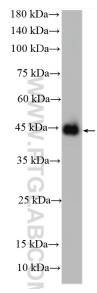
T: 4006900926

E: Proteintech-CN@ptglab.com

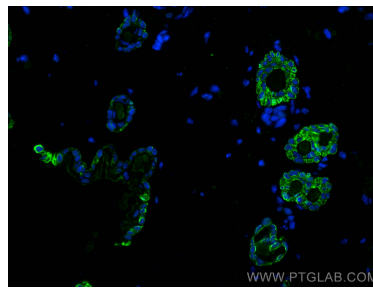
W: ptgcn.com

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

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).