

For Research Use Only

KCNJ18 Recombinant antibody, PBS Only

Catalog Number: 84203-5-PBS



Basic Information

| | | | | | |
|---------------------------|-------------|---------------------------|---------------------|----------------------|------------------------|
| Catalog Number: | 84203-5-PBS | GenBank Accession Number: | NM_001194958 | Purification Method: | Protein A purification |
| Size: | 1 mg/ml | GenID (NCBI): | 100134444 | CloneNo.: | 241381A2 |
| 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, IHC, IF-P, Indirect ELISA

Species Specificity:
mouse, rat

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

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

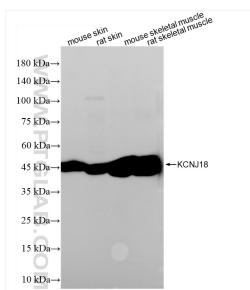
T: 4006900926

E: Proteintech-CN@ptglab.com

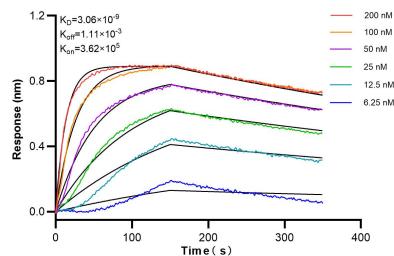
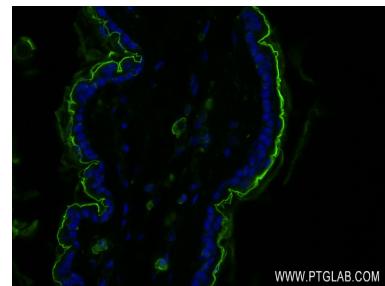
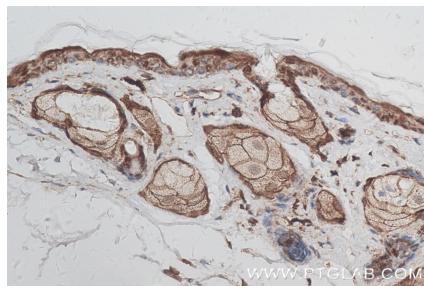
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84203-5-RR (KCNJ18 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84203-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84203-5-RR against Human KCNJ18 were performed. The affinity constant is below 3.06 nM.