

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:	100ug, Concentration: 1 mg/ml by Nanodrop;	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

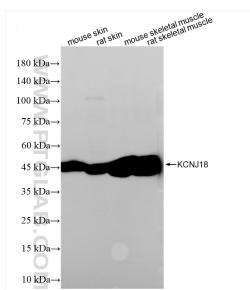
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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)

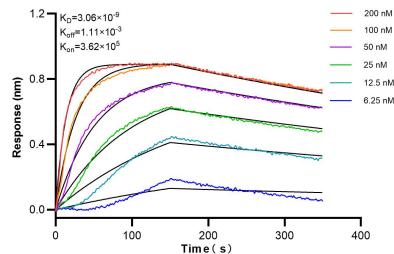
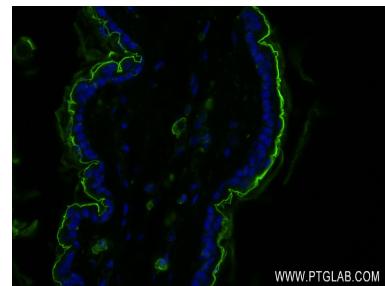
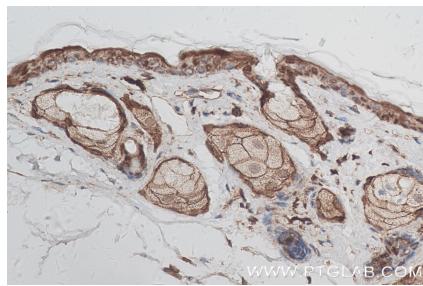
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Selected Validation Data



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.