

Nur für Forschungszwecke

KCNK18 Polyklonaler Antikörper

Katalog-Nr.:23712-1-AP



Allgemeine Informationen

Katalog-Nr.: 23712-1-AP	GenBank-Zugangsnummer: BC152979	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 800 µg/ml von Nanodrop und 453 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 338567	Empfohlene Verdünnungen: WB 1:500-1:2000 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: potassium channel, subfamily K, member 18	
Isotyp: IgG	Berechnete Masse: 384 aa, 44 kDa	
Immunogen Katalognummer: AG20514	Beobachtete Masse: 44 kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB,ELISA	Positivkontrollen: WB : A431-Zellen, A375-Zellen, MCF-7-Zellen
Getestete Reaktivität: Human	IF : A375-Zellen,

Hintergrundinformationen

KCNK18, also named as TRESK and TRIK, is an outward rectifying potassium channel which produces rapidly activating outward rectifier K⁺ currents. It may function as background potassium channel that sets the resting membrane potential. KCNK18 is inhibited by arachidonic acid and other naturally occurring unsaturated free fatty acids. KCNK18 channel activity is enhanced by volatile anesthetics, such as isoflurane. The gene of KCNK18 maps to chromosome 10q26.11, and encodes a 384-amino acid protein with a predicted unmodified molecular weight of 44 kDa. This antibody can be used to detect endogenous KCNK18, however, the reason for the additional band of 130-140 kDa is still unknown.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

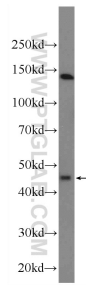
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

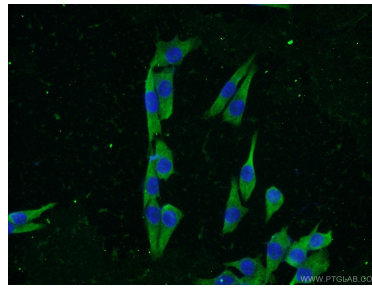
E: proteintech@ptglab.com
W: ptglab.com

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Ausgewählte Validierungsdaten



A431 cells were subjected to SDS PAGE followed by western blot with 23712-1-AP (KCNK18 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of A375 cells using 23712-1-AP (KCNK18 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).