

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-KCNK18



Numéro de catalogue: 23712-1-AP

## Informations de base

<b>Numéro de catalogue:</b> 23712-1-AP	<b>Numéro d'acquisition GenBank:</b> BC152979	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul, Concentration: 800 µg/ml by Nanodrop and 453 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 338567	<b>Dilutions recommandées:</b> WB 1:500-1:2000 IF 1:50-1:500
<b>Hôte:</b> Lapin	<b>Nom complet:</b> potassium channel, subfamily K, member 18	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 384 aa, 44 kDa	
<b>Immunogen Catalog Number:</b> AG20514	<b>MW observés:</b> 44 kDa	

## Applications

<b>Applications testées:</b> IF, WB, ELISA	<b>Contrôles positifs:</b> WB : cellules A431, cellules A375, cellules MCF-7 IF : cellules A375,
<b>Spécificité de l'espèce:</b> Humain	

## Informations générales

KCNK18, also named as TRESK and TRIK, is an outward rectifying potassium channel which produces rapidly activating outward rectifier K<sup>+</sup> 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.

## Stockage

**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

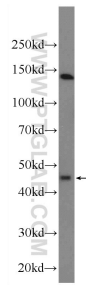
For technical support and original validation data for this product please contact:

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

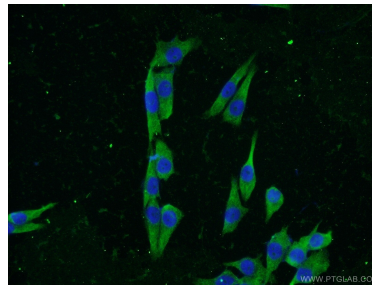
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Données de validation sélectionnées



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).