

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-KCNJ1



Numéro de catalogue: 20953-1-AP

2 Publications

Informations de base

Numéro de catalogue:
20953-1-AP

Taille:
150ul, Concentration: 300 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG15100

Numéro d'acquisition GenBank:
BC074752

Identification du gène (NCBI):
3758

Nom complet:
potassium inwardly-rectifying channel, subfamily J, member 1

MW calculé
391 aa, 45 kDa

MW observés:
75-80 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

Applications

Applications testées:
IP, WB, ELISA

Demandes citées:
IF

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
souris

Contrôles positifs:

WB : tissu cérébral de souris,

IP : tissu cérébral de souris,

Informations générales

KCNJ1, also called ROMK, is an inward-rectifying K⁺ channel responsible for basal (non-flow stimulated) K⁺ secretion. Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium. This channel is activated by internal ATP and can be blocked by external barium. The calculated molecule weight is 45kDa, 20953-1-AP can detect the band around 75-80 kDa, it has been considered to be a dimer of KCNJ1.(PMID: 17804670; 7929082; 15767585)

Publications notables

Autrice	Pubmed ID	Journal	Application
Zhenguo Chen	24203997	J Am Soc Nephrol	IF
Chuanming Xu	27440776	Am J Physiol Renal Physiol	

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:
PBS avec azote 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.

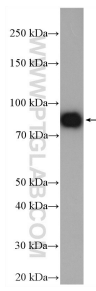
For technical support and original validation data for this product please contact:

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

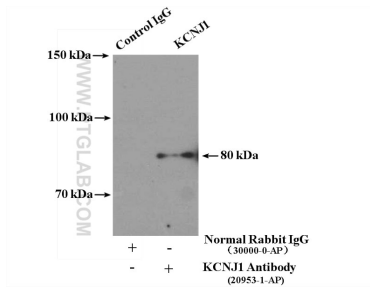
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



mouse brain tissue were subjected to SDS PAGE followed by western blot with 20953-1-AP (KCNJ1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-KCNJ1 (IP:20953-1-AP, 4ug; Detection:20953-1-AP 1:300) with mouse brain tissue lysate 3600ug.