

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Kv1.3



Numéro de catalogue: 14079-1-AP

Phare

3 Publications

Informations de base

Numéro de catalogue: 14079-1-AP	Numéro d'acquisition GenBank: BC035059	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 600 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 3738	Dilutions recommandées: WB 1:500-1:2000 IF 1:50-1:500
Hôte: Lapin	Nom complet: potassium voltage-gated channel, shaker-related subfamily, member 3	
Isotype: IgG	MW calculé 575 aa, 64 kDa	
Immunogen Catalog Number: AG5204	MW observés: 52 kDa, 75 kDa	

Applications

Applications testées: IF, WB, ELISA	Contrôles positifs: WB : cellules A549, tissu de thymus de souris IF : tissu cérébral de rat,
Demandes citées: WB	
Spécificité de l'espèce: Humain, rat, souris	
Espèces citées: Humain, rat, souris	

Informations générales

Kv1.3 (also known as KCNA3, MK3, HGK5, HLIK3, PCN3, HPCN3) contains six membrane-spanning domains with a shaker-type repeat in the fourth segment. It belongs to the delayed rectifier class, members of which allow nerve cells to efficiently repolarize following an action potential. It plays an essential role in T cell proliferation and activation. Kv1.3 channels are expressed in in various tissues and cell types including brain, vascular smooth muscle cells and leucocytes. Malfunction of Kv1.3 can alter the immune response, elicit neurotoxic effects or impact on cancer growth(PMID: 24305723; 24133455). 14079-1-AP can detect two isoforms of Kv1.3 other than the canonical channel (60 kDa) : A longer isoform (70 kDa) and a truncated isoform (43 kDa).

Publications notables

Autrice	Pubmed ID	Journal	Application
Yange Lang	32910509	FASEB J	WB
Xiaolong He	31320730	Cell Mol Immunol	WB
Wenjuan Liu	25550925	Int J Clin Exp Med	WB

Stockage

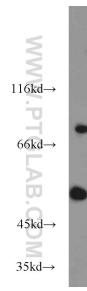
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

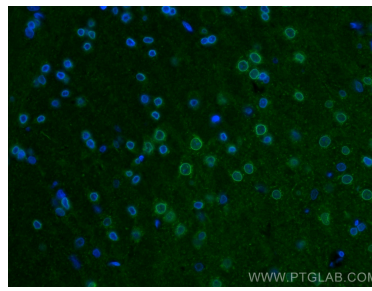
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Données de validation sélectionnées



A549 cells were subjected to SDS PAGE followed by western blot with 14079-1-AP (Kv1.3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Rat brain tissue using Kv1.3 antibody (14079-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).