À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HVCN1

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:14162-1-AP 1 Publications

Informations de base

Numéro de catalogue:
14162-1-AP

Taille:
150ul , Concentration: 350 μg/ml by Nanodrop and 300 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG5350

Numéro d'acquisition GenBank:
BC032672

Identification du gène (NCBI):
84329

Nom complet:
hydrogen voltage-gated channel 1

MW calculé
273 aa, 32 kDa

MW observés:
28-32 kDa, ~60 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
IHC 1:20-1:200
IF 1:20-1:200

Applications

Applications testées:
IF, IHC, IP, WB,ELISA

Demandes citées:
IHC

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules Raji, cellules PC-3

IP : cellules PC-3,

IHC : tissu d'amygdalite humain,

IF : cellules PC-3,

Informations générales

HVCN1, also named as VSOP and HV1, Belongs to the hydrogen channel family. HVCN1 mediates the voltage-dependent proton permeability of excitable membranes. It forms a proton-selective channel through which protons may pass in accordance with their electrochemical gradient. Proton efflux, HVCN1 is accompanied by membrane depolarization, facilitates acute production of reactive oxygen species in phagocytosis. HVCN1, the voltage-sensitive proton channel, is present in human sperm and is an important regulator of the functional maturation of sperm. HVCN1 has four isoforms with MW 28-32 kDa or 40 kDa (modification). It has a dimer form with MW ~60 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Bing Yu	33936061	Front Immunol	IHC

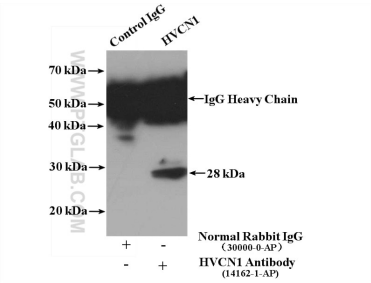
Stockage

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

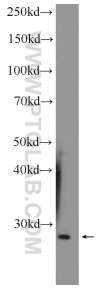
***** Les 20ul contiennent 0,1% de BSA.**

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

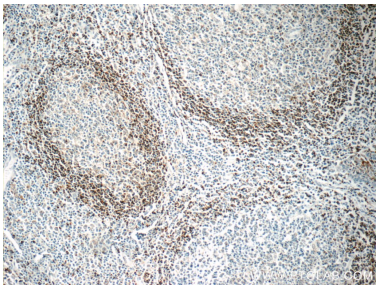
Données de validation sélectionnées



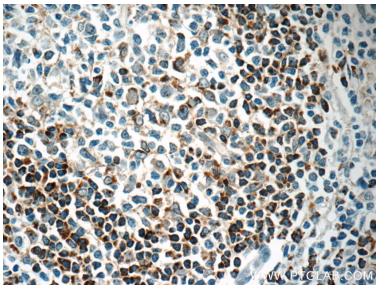
IP result of anti-HVCN1 (IP:14162-1-AP, 4ug; Detection:14162-1-AP 1:300) with PC-3 cells lysate 4000 ug.



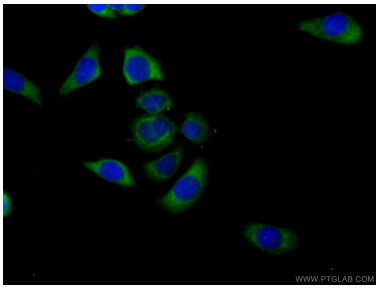
Raji cells were subjected to SDS PAGE followed by western blot with 14162-1-AP (HVCN1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 14162-1-AP (HVCN1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 14162-1-AP (HVCN1 Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-3 cells using 14162-1-AP (HVCN1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).