

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SCNN1A



Numéro de catalogue: 10924-2-AP

Phare

15 Publications

Informations de base

Numéro de catalogue:

10924-2-AP

Taille:

150ul, Concentration: 187 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1325

Numéro d'acquisition GenBank:

BC006526

Identification du gène (NCBI):

6337

Nom complet:

sodium channel, nonvoltage-gated 1 alpha

MW calculé

76 kDa

MW observés:

60-70 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IHC 1:20-1:200

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB: cellules PC-13, HEK-293

IHC: tissu rénal humain,

IF: cellules A549,

Informations générales

SCNN1A (sodium channel, non-voltage-gated 1 alpha), also known as ENaC (epithelial Na⁺) channel subunit alpha) or amiloride-sensitive sodium channel subunit alpha, is the alpha subunit of the epithelial Na⁺ channel (ENaC). ENaC is expressed in the apical membrane of salt-absorbing epithelia of kidney, distal colon, and lung. ENaC is a non-voltage gated, constitutively active channel highly selective for sodium. It has an essential role in salt and fluid homeostasis across epithelial tissues. ENaC consists of three different subunits: alpha, beta, gamma. Mutations in the gene of SCNN1A have been associated with pseudohypoaldosteronism type 1 (PHA1), a rare salt wasting disease resulting from target organ unresponsiveness to mineralocorticoids. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. It has been reported that full-length SCNN1A protein can be cleaved into 65- and 30-kDa fragments (PMID: 16477034; 18701608).

Publications notables

Autrice	Pubmed ID	Journal	Application
Ivana d'Angelo	29035132	J Aerosol Med Pulm Drug Deliv	WB
Jianping Zhang	31719660	Sci Rep	IHC
David W Scott	28481660	Am J Respir Crit Care 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.

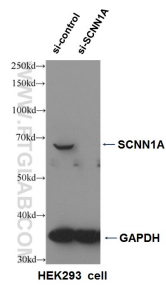
For technical support and original validation data for this product please contact:

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

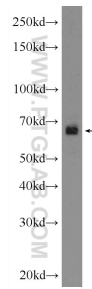
E: proteintech@ptglab.com
W: ptglab.com

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

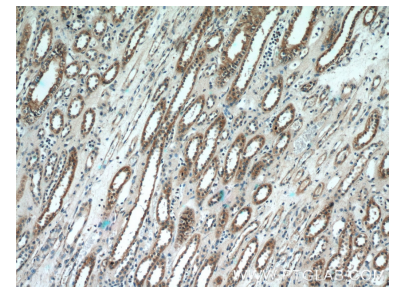
Données de validation sélectionnées



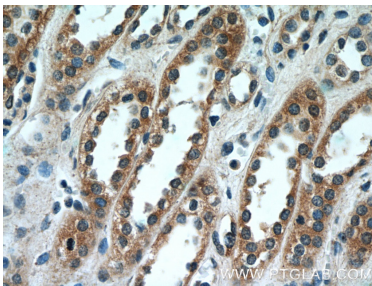
WB result of SCNN1A (10924-2-AP, 1:1000) with si-control and si-SCNN1A transfected HEK293 cells.



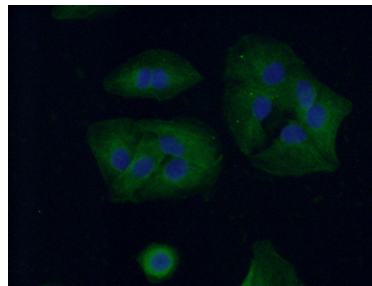
PC-13 cells were subjected to SDS PAGE followed by western blot with 10924-2-AP (SCNN1A Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 10924-2-AP (SCNN1A Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 10924-2-AP (SCNN1A Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using 10924-2-AP (SCNN1A antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).