

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SGLT3/SLC5A4



Numéro de catalogue: 24327-1-AP

3 Publications

Informations de base

Numéro de catalogue:

24327-1-AP

Taille:

150ul, Concentration: 900 µg/ml by Nanodrop and 493 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG19391

Numéro d'acquisition GenBank:

BC153069

Identification du gène (NCBI):

6527

Nom complet:

solute carrier family 5 (low affinity glucose cotransporter), member 4

MW calculé

659 aa, 72 kDa

MW observés:

60-70 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:20-1:200

Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : tissu rénal de souris,

IP : tissu rénal de souris,

IHC : tissu rénal 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.

Informations générales

SLC5A4, also known as SGLT3, is a sugar sensor that depolarizes the plasma membrane in response to external glucose (PMID: 12748858, 20421923). SGLT3 mediates the influx of sodium ions into the cell but does not transport sugars, also potentially activated by imino sugars such as deoxynojirimycin (PMID: 22766068, 13130073). SGLT3 is a plasma membrane protein, shares 70% identity with SGLT1, and is expressed in the small intestine (cholinergic neurons), skeletal muscle, kidney, uterus, and testis (PMID: 12748858). SGLT3 protein at apparent molecular masses of 72 kDa and 80 kDa in human kidney tissue and HK-2 cells (PMID: 22766068).

Publications notables

Autrice	Pubmed ID	Journal	Application
Caterina Franco	34769857	Int J Environ Res Public Health	WB, IF
Matúš Soták	33385407	Life Sci	WB, IF
Emi Ono	29677207	PLoS One	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.

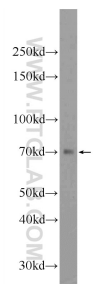
For technical support and original validation data for this product please contact:

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

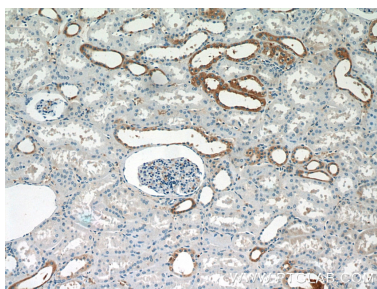
E: proteintech@ptglab.com
W: ptglab.com

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

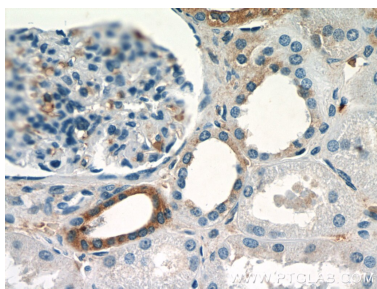
Données de validation sélectionnées



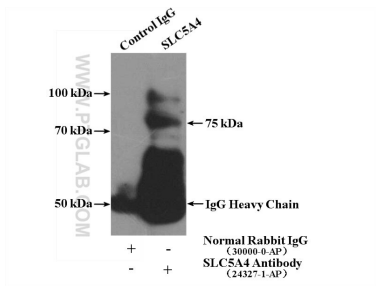
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 24327-1-AP (SGLT3/SLC5A4 antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney slide using 24327-1-AP (SGLT3/SLC5A4 antibody at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human kidney slide using 24327-1-AP (SGLT3/SLC5A4 antibody at dilution of 1:50.



IP Result of anti-SGLT3/SLC5A4 (IP:24327-1-AP, 4ug; Detection:24327-1-AP 1:500) with mouse kidney tissue lysate 4000ug.