

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Uroguanylin



Numéro de catalogue: 18113-1-AP

1 Publications

## Informations de base

Numéro de catalogue:  
18113-1-AP

Taille:  
150ul, Concentration: 500 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG12589

Numéro d'acquisition GenBank:  
BC093779

Identification du gène (NCBI):  
2981  
Nom complet:  
guanylate cyclase activator 2B (uroguanylin)

MW calculé  
112 aa, 12 kDa

MW observés:  
12-13 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:500-1:2000  
IHC 1:400-1:1600  
IF 1:20-1:200

## Applications

Applications testées:  
IF, IHC, WB, ELISA

Demandes citées:  
IHC

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
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 : tissu pancréatique de souris, tissu de côlon de souris, tissu d'intestin grêle de souris, tissu pancréatique de rat

IHC : tissu de cancer du pancréas humain, tissu de cancer du côlon humain, tissu d'estomac humain, tissu d'intestin grêle de souris, tissu rénal de souris, tissu rénal humain

IF : cellules HepG2,

## Informations générales

Uroguanylin, also named as GUCA2B, is a candidate intestinal natriuretic hormone that controls the sodium and water balance between the intestine and the kidneys. It has been reported that the uroguanylin knockout mouse exhibits elevated blood pressure. Therefore, the GUCA2B gene is thought to be a susceptibility gene for essential hypertension (EH).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Nobuhiko Ebisutani	33381053	Front Physiol	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.

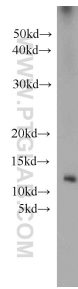
For technical support and original validation data for this product please contact:

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

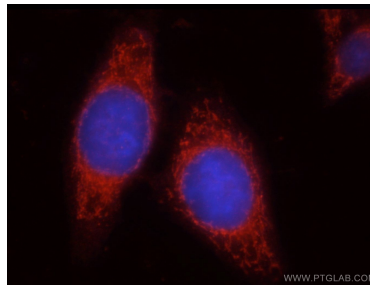
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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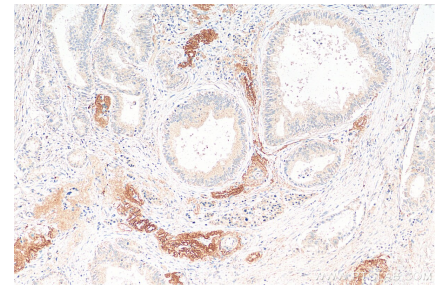
## Données de validation sélectionnées



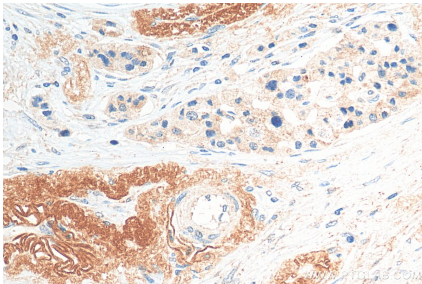
mouse pancreas tissue were subjected to SDS PAGE followed by western blot with 18113-1-AP (Uroguanylin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



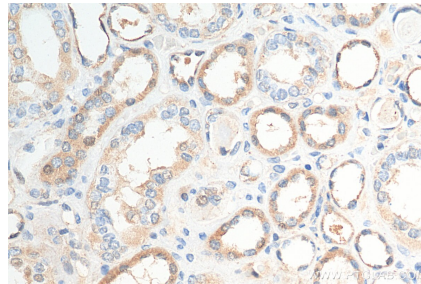
Immunofluorescent analysis of HepG2 cells using 18113-1-AP (Uroguanylin antibody) at dilution of 1:50 and Rhodamine-labeled goat anti-rabbit IgG (red).



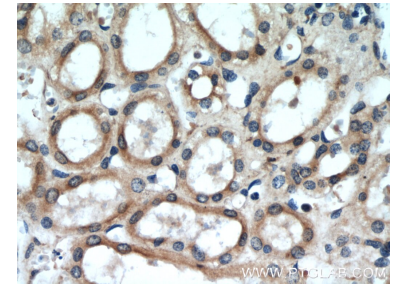
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 18113-1-AP (Uroguanylin antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



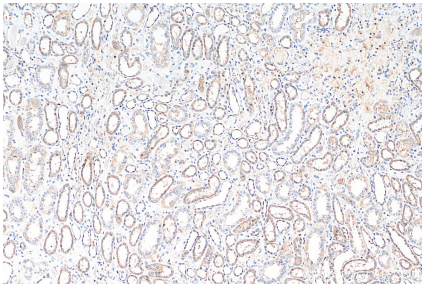
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 18113-1-AP (Uroguanylin antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



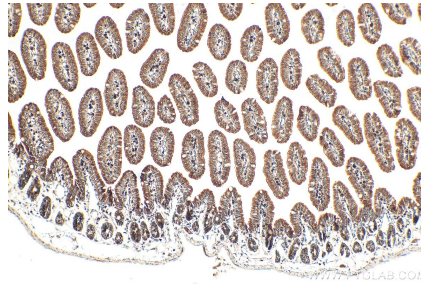
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18113-1-AP (Uroguanylin antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



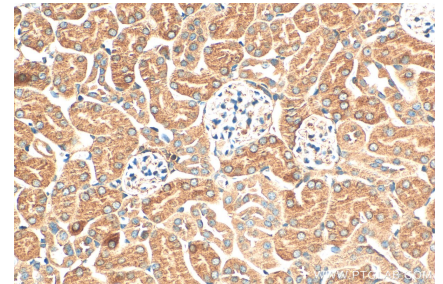
Immunohistochemical analysis of paraffin-embedded human kidney using 18113-1-AP (Uroguanylin antibody) at dilution of 1:50 (under 40x lens).



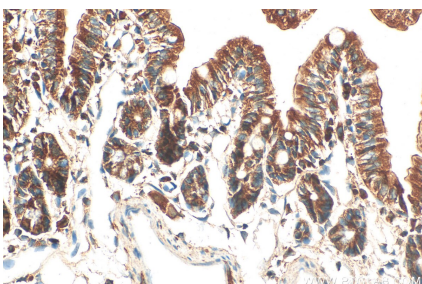
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18113-1-AP (Uroguanylin antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 18113-1-AP (Uroguanylin antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 18113-1-AP (Uroguanylin antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 18113-1-AP (Uroguanylin antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).