

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Cystatin C



Numéro de catalogue: 12245-1-AP

27 Publications

Informations de base

Numéro de catalogue:

12245-1-AP

Taille:

150ul, Concentration: 900 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG2890

Numéro d'acquisition GenBank:

BC013083

Identification du gène (NCBI):

1471

Nom complet:

cystatin C

MW calculé

146 aa, 16 kDa

MW observés:

13 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:16000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:50-1:500

IF 1:20-1:200

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, porc, rat, souris

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 Caco-2, cellules HeLa, cellules HepG2, cellules MG U-87, cellules U2OS, lait humain, tissu cérébral de souris, tissu cérébral humain, tissu cérébral humain foetal, urine humaine

IP : cellules Caco-2,

IHC : tissu rénal humain, tissu ovarien humain, tissu rénal de souris

IF : cellules HeLa,

Informations générales

Cystatin C is a 13-kDa inhibitor of cysteine proteinases which is secreted by all cell types and is completely cleared from the organism through glomerular filtration, shown to be an early and sensitive biomarker of renal dysfunction. It is also used as an emerging biomarker in cardiovascular disease. Cystatin C is involved in a variety of inflammatory reactions. The concentration of serum cystatin C has also been shown to be unaltered in certain inflammatory conditions or other disorders of metabolism. The plasma level of serum cystatin C can be expressed as its level of generation from cells and diet and its subsequent elimination through the gut, liver, and kidneys.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|----------------|-----------|-----------------------|-------------|
| Yan Yan | 26617717 | Int J Clin Exp Pathol | IHC |
| Xiao-Lin Jiang | 36309912 | Aging (Albany NY) | WB |
| He Tai | 36279396 | Aging (Albany NY) | 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.

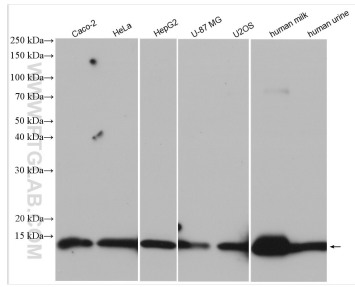
For technical support and original validation data for this product please contact:

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

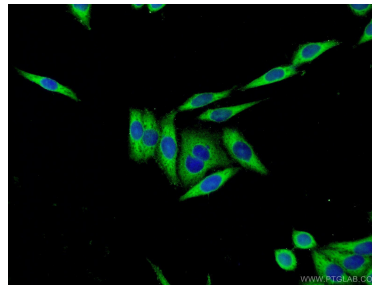
E: proteintech@ptglab.com
W: ptglab.com

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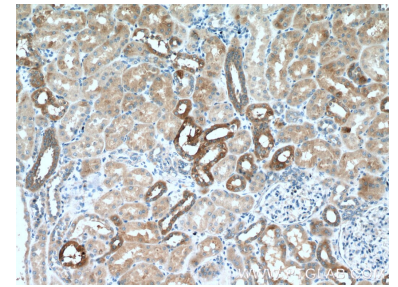
Données de validation sélectionnées



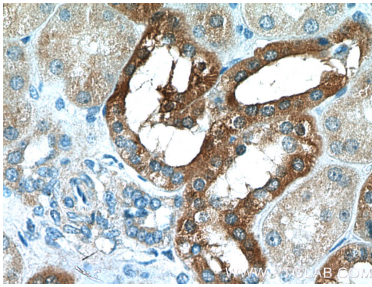
Various lysates were subjected to SDS PAGE followed by western blot with 12245-1-AP (Cystatin C antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



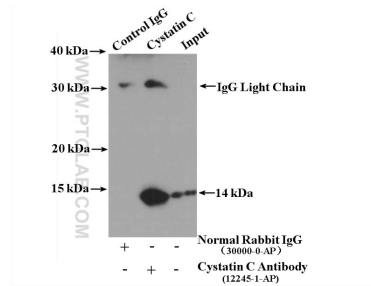
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 12245-1-AP (Cystatin C antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 12245-1-AP (Cystatin C Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 12245-1-AP (Cystatin C Antibody) at dilution of 1:200 (under 40x lens).



IP Result of anti-Cystatin C (IP:12245-1-AP, 4ug; Detection:12245-1-AP 1:1000) with Caco-2 cells lysate 2000ug.