

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Cystatin B



Numéro de catalogue: 10823-1-AP

1 Publications

Informations de base

Numéro de catalogue:
10823-1-AP

Taille:
150ul , Concentration: 1000 µg/ml by Nanodrop and 560 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1262

Numéro d'acquisition GenBank:
BC003370

Identification du gène (NCBI):
1476

Nom complet:
cystatin B (stefin B)

MW calculé
11 kDa

MW observés:
11 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:1000-1:8000 for WB

Applications

Applications testées:
FC, IP, WB, ELISA

Demandes citées:
IF

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

Contrôles positifs:

WB : tissu salivaire humain, cellules HepG2, cellules MCF-7, salive humain, salive humaine

IP : cellules MCF-7,

Informations générales

Cystatin B (CSTB), a member of the cystatin superfamily protein, is a stefin that functions as an intracellular thiol protease inhibitor and has been thought to play a role in protecting against the proteases leaking from lysosomes. CSTB plays various functions in a variety of diseases, including epithelial ovarian cancer, colon cancer, and myoclonus epilepsy. Evidence indicates that mutations in CSTB are responsible for the primary defects in patients with progressive myoclonic epilepsy (EPM1). One type of mutation responsible for EPM1 is the expansion in the promoter region of this gene of a CCCCCCCCCG repeat from 2-3 copies to 30-78 copies.

Publications notables

Autrice	Pubmed ID	Journal	Application
Emna Ouni	35341935	Matrix Biol	IF

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.

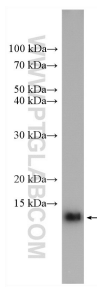
For technical support and original validation data for this product please contact:

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

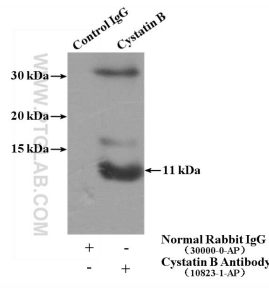
E: proteintech@ptglab.com
W: ptglab.com

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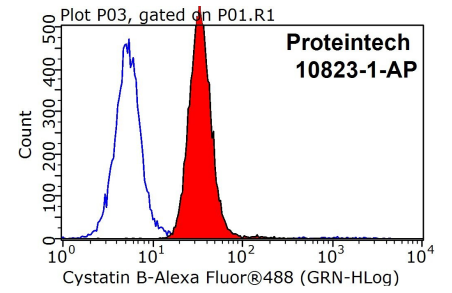
Données de validation sélectionnées



human saliva were subjected to SDS PAGE followed by western blot with 10823-1-AP (Cystatin B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP Result of anti-Cystatin B (IP:10823-1-AP, 4ug; Detection:10823-1-AP 1:4000) with MCF-7 cells lysate 1320ug.



1X10⁶ HepG2 cells were stained with 0.2ug Cystatin B antibody (10823-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.