

Nur für Forschungszwecke

# Cystatin B Polyklonaler Antikörper

Katalog-Nr.:10823-1-AP

1 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
10823-1-AP

Größe:  
150ul, Konzentration: 1000 µg/ml von 1476  
Nanodrop und 560 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG1262

GenBank-Zugangsnummer:  
BC003370

GeneID (NCBI):

Vollständiger Name:  
cystatin B (stefin B)

Berechnete Masse:  
11 kDa

Beobachtete Masse:

11 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:4000

IP 0.5-4.0 µg für IP und 1:1000-1:8000  
für WB

## Anwendungen

Geprüfte Anwendungen:

FC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF

Getestete Reaktivität:

Human

Zitierte Arten:

Human

Positivkontrollen:

WB : humanes Speichelgewebe, HepG2-Zellen, MCF-7-Zellen

IP : MCF-7-Zellen,

## Hintergrundinformationen

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.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Emna Ouni	35341935	Matrix Biol	IF

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

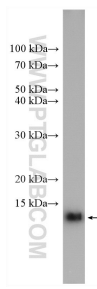
For technical support and original validation data for this product please contact:

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

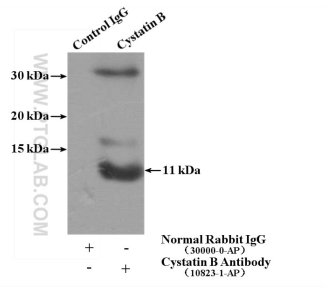
E: proteintech@ptglab.com  
W: ptglab.com

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

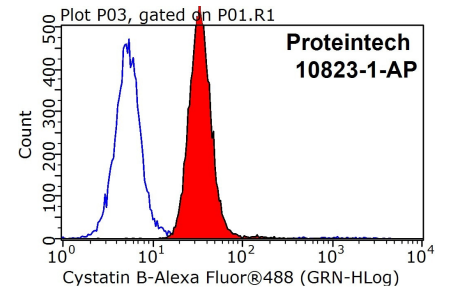
## Ausgewählte Validierungsdaten



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.



1X10<sup>6</sup> 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.