

For Research Use Only

Cystatin B Polyclonal antibody

Catalog Number: 10823-1-AP



Basic Information

Catalog Number:

10823-1-AP

Size:

150UL, Concentration: 1000 µg/ml by 1476 Nanodrop and 560 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1262

GenBank Accession Number:

BC003370

GeneID (NCBI):

1476

Full Name:

cystatin B (stefin B)

Calculated MW:

11 kDa

Observed MW:

11 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

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

IHC 1:20-1:200

Applications

Tested Applications:

FC, IHC, IP, WB, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: human saliva tissue, HepG2 cells, human liver tissue, human lymph tissue, human placenta tissue, human spleen tissue, MCF-7 cells

IP: MCF-7 cells,

IHC: human colon cancer tissue,

Background Information

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

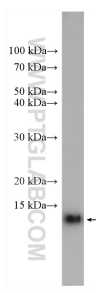
For technical support and original validation data for this product please contact:

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

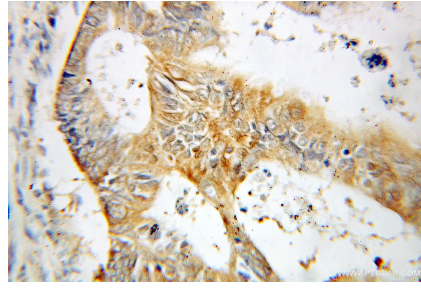
E: proteintech@ptglab.com
W: ptglab.com

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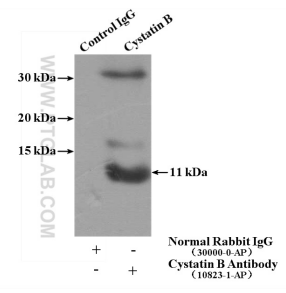
Selected Validation Data



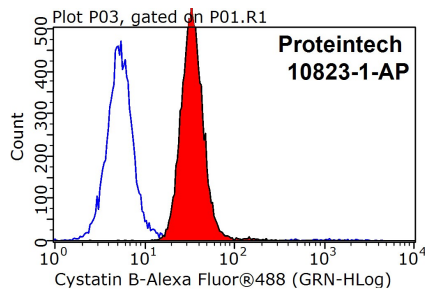
human saliva were subjected to SDS PAGE followed by western blot with 10823-1-AP (Cystatin B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 10823-1-AP (Cystatin B antibody) at dilution of 1:100 (under 10x lens).



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.