

Anti-Cystatin C / CST3 antibody



Catalog Number: 102461

Product name

Anti-Cystatin C / CST3 antibody

Immunogen

[Mouse Cystatin C / CST3 \(His Tag\) recombinant protein](#)

Specificity

Mouse CST3 / Cystatin-C

Antibody description

Rabbit polyclonal to Cystatin C / CST3

Preparation

Produced in rabbits immunized with purified, recombinant Mouse CST3 (rM CST3; NP_034106.2; Met 1-Ala 140). CST3 specific IgG was purified by mouse CST3 affinity chromatography.

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IP

Dilutions

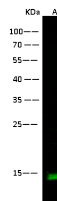
WB: 10-30 µg/mL

ELISA: 0.5-1 µg/mL

This antibody can be used at 0.5-1 µg/mL with the appropriate secondary reagents to detect Mouse CST3. The detection limit for Mouse CST3 is 0.00245 ng/well.

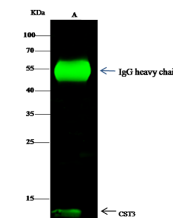
IP: 1-4 µg/mg of lysate

Validations



Items	Lanes
Sample (whole cell lysate)	A HepG2
Sample Volume (µg/lane)	30
Gel	13% SDS-PAGE reducing gel
Recommended concentration	10-30 µg/ml
Secondary Antibody	Dylight 800-labeled Antibody to Rabbit IgG (H+L), at 1:5000 dilution
Developed using	Odyssey imaging system
Explanation	Predicted band size : 16 kDa Observed band size : 14 kDa

Cystatin C / CST3 Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot



Items	Lanes
Sample (whole cell lysate)	A HepG2
Sample quantity	0.5 mg
IP antibody quantity	2 µg
Protein G agarose	15 µl of 50% Protein G Agarose
Gel	13% SDS-PAGE reducing gel
Primary antibody	mCST3 antibody at 5 µg/ml
Secondary antibody	Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Cystatin C / CST3 Antibody, Rabbit PAb, Antigen Affinity Purified