

CST3 Polyclonal Antibody

catalog number: D-AB-10163L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

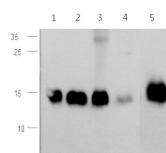
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human CST3 protein expressed by E.coli
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB	1:500-1:1000
IHC	1:250-1:500

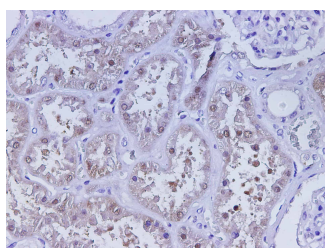
Data



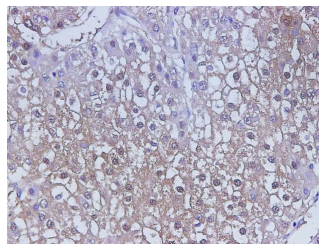
Western blot with CST3 Polyclonal antibody at dilution of 1:500. lane 1:Hep G2 whole cell lysate, lane 2:PC-3 whole cell lysate, lane 3:Caco-2 whole cell lysate, lane 4:Mouse Kidney, lane 5:Rat Kidney

Observed-MW:15 kDa

Calculated-MW:15 kDa



Immunohistochemistry of paraffin-embedded Human kidney using CST3 Polyclonal Antibody at dilution of 1:500



Immunohistochemistry of paraffin-embedded Human liver cancer using CST3 Polyclonal Antibody at dilution of 1:500

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

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. A mutation in Cystatin C has been associated with amyloid angiopathy. Expression of this protein in vascular wall smooth muscle cells is severely reduced in both atherosclerotic and aneurysmal aortic lesions, establishing its role in vascular disease. In addition, this protein has been shown to have an antimicrobial function, inhibiting the replication of herpes simplex virus.