Cystatin C Polyclonal Antibody(Capture/Detector)

catalog number: AN000020P

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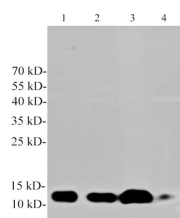
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Cystatin C protein expressed by E.coli
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications

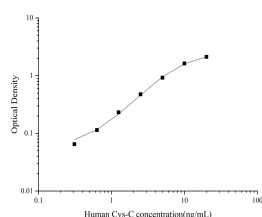| Applications	Recommended Dilution
WB	1:1000-1:2000
ELISA Capture	2-8 µg/mL
ELISA Detector	0.1-0.4 µg/mL

Data

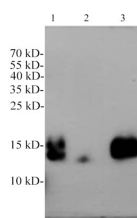Western Blot with Cystatin C Polyclonal Antibody at dilution of 1:1000. Lane 1: HepG2 cell lysate,Lane 2: PC-3 cell lysate,Lane 3: CaCo2 cell lysate,Lane 4: Mouse kidney lysate.
Observed-MV:13 kDa
Calculated-MV:13 kDa

Western Blot with Cystatin C Polyclonal Antibody at dilution of 1:1000. Lane 1: Rat kidney lysate,Lane 2: Rat liver lysate,Lane 3: Rat plasma.
Observed-MV:13 kDa
Calculated-MV:13 kDa

Sandwich ELISA-Recombinant Human Cystatin C protein standard curve.Background subtracted standard curve using Cystatin C antibody(AN000020P)(Capture),Cystatin C antibody(AN000020P)(Detector) in sandwich ELISA.The reference range value for Recombinant Human Cystatin C protein is 0.313-200 ng/mL.

Preparation & Storage

For Research Use Only

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Cystatin C is a member of family 2 of the Cystatin superfamily . It is involved in processes such as tumor invasion and metastasis,inflammation and some neurological diseases. It inhibits many cysteine proteases such as papain and cathepsins B,H,K,l,and S.