

## Cystatin C Recombinant antibody

**Cat:** B36284S

**Company:** HaoKebio

**Uniprot ID:** P21460

**Applications:** IHC:1:50-1:500

**Organism:** Rabbit

IHC-Polymer:1:200-1:2000

**Species reactivity:** Human Mouse

IHC-TSA:1:250-1:2500

**Molecular Weight Calculation:** 15 kDa

WB:1:500-1:1000

**Observed Molecular Weight:** 13-16 kDa

### Background:

Cystatin C is a 13-kDa inhibitor of cysteine proteases 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. It is also used as an emerging biomarker in cardiovascular disease. Cystatin C is involved in a variety of inflammatory reactions. The concentration of serum cystatin C has also been shown to be unaltered in certain inflammatory conditions or other disorders of metabolism. The plasma level of serum cystatin C can be expressed as its level of generation from cells and diet and its subsequent elimination through the gut, liver, and kidney.

### Synonyms:

Cst3, CysC, 240202A2

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Cytoplasm, Secrete

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

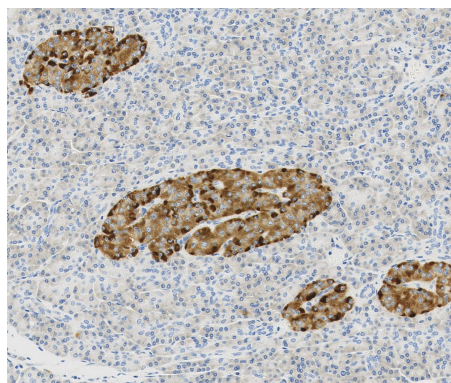
### Storage:

Store at -20 °C for one year.

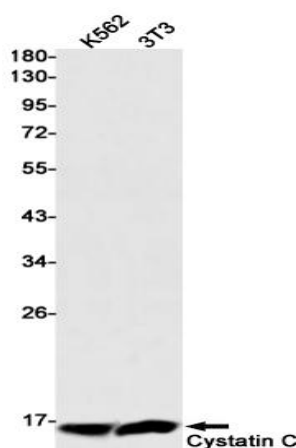
### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse kidney, 4% PFA 12-24h



Dilution of 1:1000 incubated at room temperature for 1.5 hours.

### Source of Reagents:

发表[中文论文]请标注:Cystatin C(B36284S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Cystatin C(B36284S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.