

## Cystatin-C Polyclonal Antibody

Catalog No: #42452

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## Description

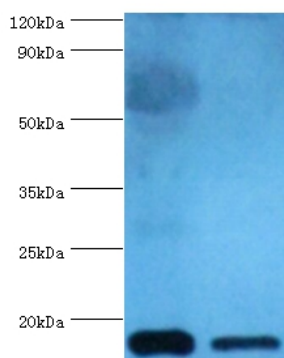
Product Name	Cystatin-C Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Cystatin-C polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant Human Cystatin-C protein
Target Name	Cystatin-C
Other Names	Cystatin-3, Gamma-trace, Neuroendocrine basic polypeptide, Post-gamma-globulin, CST3
Accession No.	Swiss-Prot#: P01034
Uniprot	P01034
GeneID	1471;
Calculated MW	16kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

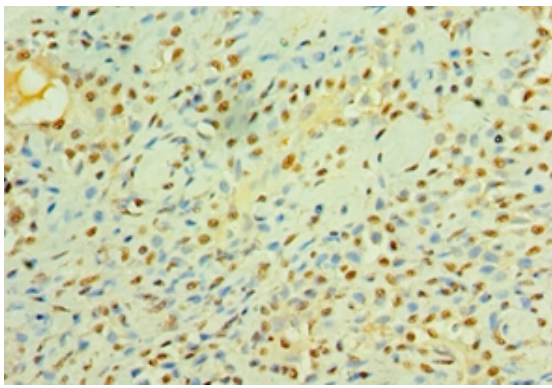
Western blotting: □ 1:500 - 1:1000

Immunohistochemistry: 1:20 - 1:200

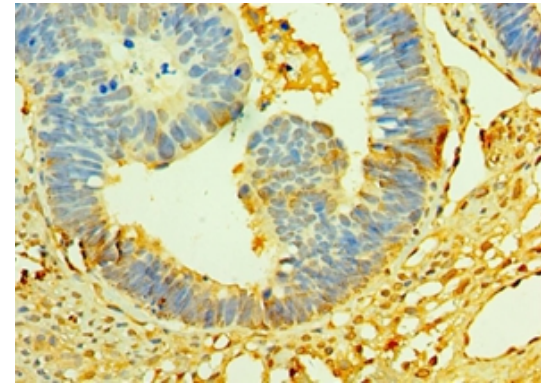
## Images



All lanes : CST3 antibody at 2ug/ml  
 Lane 1 : High values of serum at 1:10  
 Lane 2 : High values of serum at 1:100  
 Secondary  
 Goat polyclonal to Rabbit IgG at 1/10000 dilution  
 Predicted band size :16KDa  
 Observed band size: 16KDa



Immunohistochemical analysis of paraffin-embedded human breast cancer using #42452 at dilution of 1:100.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer using #42452 at dilution of 1:100.

## Background

As an inhibitor of cysteine proteinases, this protein is thought to serve an important physiological role as a local regulator of this enzyme activity.

## References

- [1] Molecular cloning and sequence analysis of cDNA coding for the precursor of the human cysteine proteinase inhibitor cystatin C. Abrahamson M., Grubb A., Olafsson I., Lundwall A. FEBS Lett. 216:229-233(1987) [2] The human cystatin C gene (CST3) is a m

Note: This product is for in vitro research use only