

## Cystatin A Antibody (R31217)

Catalog No.	Formulation	Size
R31217	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

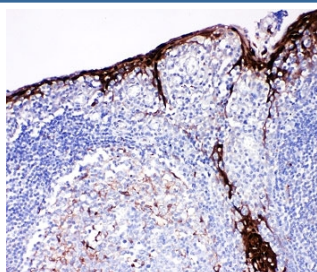
**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P01040
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	This Cystatin A antibody is available for research use only.

KDa  
72-  
55-  
43-  
34-  
26-  
17-  
10-



Western blot testing of Cystatin A antibody and human A431 cell lysate. Predicted molecular weight ~11 kDa.



IHC-P: Cystatin A antibody testing of human tonsil tissue

## Description

Cystatin A, also called Stefin A, is a protein that in humans is encoded by the CSTA gene. Cystatin A is a cysteine proteinase inhibitor that belongs to family 1 of the cystatin superfamily. This gene was assigned to human chromosome 3q21.1. This is an intracellular thiol proteinase inhibitor. The protein plays an important role in desmosome-mediated cell-cell adhesion in the lower levels of the epidermis and has been proposed as prognostic and diagnostic tools for cancer.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Cystatin A antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the C-terminus of human Cystatin A (NEDLVLTGYQVDKN) was used as the immunogen for this Cystatin A antibody.

## Storage

After reconstitution, the Cystatin A antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.