

Cystatin A Antibody (R31217)

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

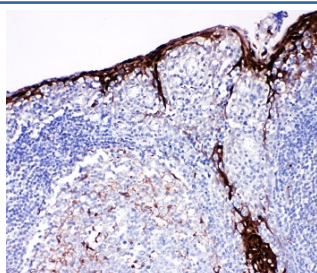
Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P01040
Localization	Cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 0.5-1ug/ml
Limitations	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.