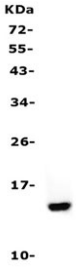
Cystatin A Antibody (R31217)

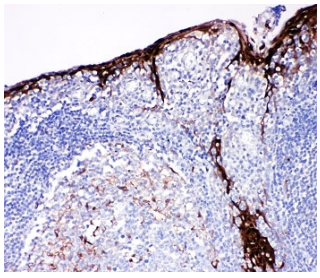
Catalog No.	Formulation	Size
R31217	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
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.



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



Cystatin A Antibody Tonsil Immunohistochemistry. 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.

For a reference Cystatin A antibody with validated specificity and consistent detection across applications, see clone CSTA/3553.

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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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