

Anti-Cystatin A Picoband Antibody

Catalog # ABO12251

Product Information

Application	WB, IHC-P
Primary Accession	P01040
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Cystatin-A(CSTA) detection. Tested with WB, IHC-P in Human.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	1475
Other Names	Cystatin-A, Cystatin-AS, Stefin-A, Cystatin-A, N-terminally processed, CSTA, STF1, STFA
Calculated MW	11006
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat Western blot, 0.1-0.5 µg/ml, Human
Subcellular Localization	Cytoplasm .
Tissue Specificity	Expressed in the skin throughout the epidermis. .
Source	Eukaryota
Protein Name	Cystatin-A
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	E.coli-derived human Cystatin A recombinant protein (Position: E8-F98). Human Cystatin A shares 61.5% and 58.2% amino acid (aa) sequence identity with mouse and rat Cystatin A, respectively.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20° C for one year. After r° Constitution, at 4° C for one month. It° Can also

be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated freezing and thawing.
Belongs to the cystatin family.

Sequence Similarities

Protein Information

Name	CSTA
Synonyms	STF1, STFA
Function	This is an intracellular thiol proteinase inhibitor. Has an important role in desmosome-mediated cell-cell adhesion in the lower levels of the epidermis.
Cellular Location	Cytoplasm.
Tissue Location	Expressed in the skin throughout the epidermis.

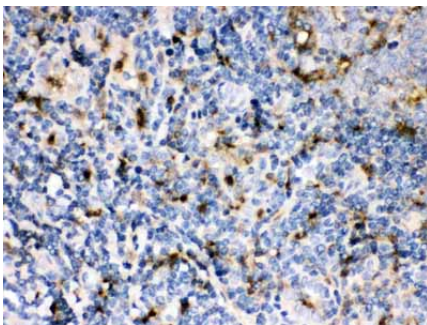
Background

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. Cystatin A plays an important role in desmosome-mediated cell-cell adhesion in the lower levels of the epidermis. Stefins have been proposed as prognostic and diagnostic tools for cancer.

Images



Anti- Cystatin A Picoband antibody, ABO12251, Western blotting
All lanes: Anti Cystatin A (ABO12251) at 0.5ug/ml
Lane 1: HELA Whole Cell Lysate at 40ug
Lane 2: SMMC Whole Cell Lysate at 40ug
Predicted bind size: 54KD
Observed bind size: 54KD



Anti- Cystatin A Picoband antibody, ABO12251,
IHC(P)IHC(P): Human Tonsil Tissue

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.