



Rabbit Anti-Cystatin A antibody

SL4937R

Product Name:	Cystatin A
Chinese Name:	胱抑素A/半胱氨酸蛋白酶抑制剂A抗体
Alias:	AREI; CSTA; CSTA protein; Cystatin A; Cystatin AS; Cystatin-A; Cystatin-AS; CystatinA; CYTA_RAT; Stefin A; Stefin A1; Stefin-A; StefinA; STF 1; STF1; STFA.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Mouse,Rat,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	12kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from rat Cystatin A:1-80/103
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Cystatin A and cystatin B (also designated PME, CST6, STFB, CPI-B, stefin B and liver thiol proteinase inhibitor) are thiol protease inhibitors that form complexes with papain and the cathepsins B, H, and L. Cystatin A, a cytoplasmic protein, is one of the precursor proteins of the cornified cell envelope in keratinocytes and plays a role in epidermal development and maintenance. Cystatin B protects against intracellular proteases leaking out of lysosomes and is primarily expressed in heart, liver and

kidney.

Function:

This is an intracellular thiol proteinase inhibitor.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Expressed in the skin throughout the epidermis.

Similarity:

Belongs to the cystatin family.

SWISS:

P01040

Gene ID:

1475

Database links:

[Entrez Gene: 1475](#) Human

[Entrez Gene: 209294](#) Mouse

[Omim: 184600](#) Human

[SwissProt: P01040](#) Human

[SwissProt: P56567](#) Mouse

[Unigene: 518198](#) Human

[Unigene: 300592](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.