SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Cystatin SA antibody

Catalog Number: SL14170R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Cystatin SA
Immunogen:	KLH conjugated synthetic peptide derived from human Cystatin SA: 41-120/141
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human)
Predicted MW.:	14kDa
Subcellular Location:	cytoplasmic
Background:	The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions, where they appear to provide protective functions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes a secreted thiol protease inhibitor found at high levels in saliva, tears and seminal plasma.

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

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	[provided by RefSeq, Jul 2008] **Function:** Thiol protease inhibitor. **Subcellular Location:** Secreted. **Tissue Specificity:** Expressed in submandibular and sublingual saliva but not in parotid saliva (at protein level). Expressed in submandibular gland and parotid gland. **Similarity:** Belongs to the cystatin family. **Database links:** **Entrez Gene:** 1470 Human Omim: 123856 Human **SwissProt:** P09228 Human **Unigene:** 669305 Human

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