

Cystatin SN Polyclonal Antibody

Catalog # AP69438

Specification

Cystatin SN Polyclonal Antibody - Product Information

Application
Primary Accession
Reactivity
Host
Clonality

WB, IHC-P, IF <u>P01037</u> Human Rabbit Polyclonal

Cystatin SN Polyclonal Antibody - Additional Information

Gene ID 1469

Other Names CST1; Cystatin-SN; Cystain-SA-I; Cystatin-1; Salivary cystatin-SA-1

Dilution WB~~Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions -20°C

Cystatin SN Polyclonal Antibody - Protein Information

Name CST1

Function

Human saliva appears to contain several cysteine proteinase inhibitors that are immunologically related to cystatin S but that differ in their specificity due to amino acid sequence differences. Cystatin SN, with a pl of 7.5, is a much better inhibitor of papain and dipeptidyl peptidase I than is cystatin S, although both inhibit ficin equally well.

Cellular Location Secreted.

Tissue Location

Expressed in submandibular and sublingual saliva but not in parotid saliva (at protein level). Expressed in saliva, tears, urine and seminal fluid.



Cystatin SN Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Cystatin SN Polyclonal Antibody - Images



Cystatin SN Polyclonal Antibody - Background

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related to cystatin S but that differ in their specificity due to amino acid sequence differences. Cystatin SN, with a pl of 7.5, is a much better inhibitor of papain and dipeptidyl peptidase I than is cystatin S, although both inhibit ficin equally well.