

Anti-CST1/Cystatin Sn Antibody

Catalog Number: A05560

About CST1

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 pI of 7.5, is a much better inhibitor of papain and dipeptidyl peptidase I than is cystatin S, although both inhibit ficin equally well.

Deloukas P., Nature 414:865-871(2001).

Zhang Z., Protein Sci. 13:2819-2824(2004).

Dickinson D.P., DNA Cell Biol. 21:47-65(2002).

Overview

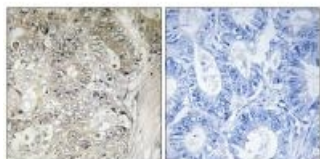
Product Name	Anti-CST1/Cystatin Sn Antibody
Reactive Species	Human
Description	Boster Bio Anti-CST1/Cystatin Sn Antibody (Catalog # A05560). Tested in IHC, IF applications. This antibody reacts with Human.
Application	IF, IHC
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P01037

Technical Details

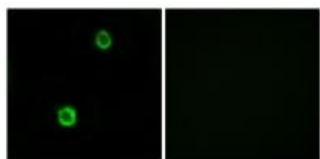
Immunogen	Synthesized peptide derived from internal of human CST1.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

	specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Immunohistochemistry: 1:50~1:100</p> <p>Immunofluorescence: 1:100~1:500</p>

Anti-CST1/Cystatin Sn Antibody (A05560) Images



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using CST1 antibody A05560.



Immunofluorescence analysis of MCF-7 cells, using CST1 antibody A05560.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-CST1/Cystatin Sn Antibody