

**CST4 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8983c****Specification**

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**CST4 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P01036](#)**CST4 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 1472**Other Names**

Cystatin-S, Cystatin-4, Cystatin-SA-III, Salivary acidic protein 1, CST4

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8983c](/products/AP8983c) was selected from the Center region of human CST4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CST4 Antibody (Center) Blocking Peptide - Protein Information****Name** CST4**Function**

This protein strongly inhibits papain and ficin, partially inhibits stem bromelain and bovine cathepsin C, but does not inhibit porcine cathepsin B or clostripain. Papain is inhibited non-competitively.

**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.

## **CST4 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **CST4 Antibody (Center) Blocking Peptide - Images**

## **CST4 Antibody (Center) Blocking Peptide - Background**

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## **CST4 Antibody (Center) Blocking Peptide - References**

Dickinson,D.P., et.al., DNA Cell Biol. 21 (1), 47-65 (2002)