

**CST7 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8824a****Specification**

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**CST7 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [O76096](#)**CST7 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 8530**Other Names**

Cystatin-F, Cystatin-7, Cystatin-like metastasis-associated protein, CMAP, Leukocystatin, CST7

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8824a](/products/AP8824a) was selected from the N-term region of human CST7. 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.

**CST7 Antibody (N-term) Blocking Peptide - Protein Information****Name** CST7**Function**

Inhibits papain and cathepsin L but with affinities lower than other cystatins. May play a role in immune regulation through inhibition of a unique target in the hematopoietic system.

**Cellular Location**

Secreted. Cytoplasm

**Tissue Location**

Primarily expressed in peripheral blood cells and spleen

**CST7 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **CST7 Antibody (N-term) Blocking Peptide - Images**

#### **CST7 Antibody (N-term) Blocking Peptide - Background**

Inhibits papain and cathepsin L but with affinities lower than other cystatins. CST7 may play a role in immune regulation through inhibition of a unique target in the hematopoietic system.

#### **CST7 Antibody (N-term) Blocking Peptide - References**

Brown, W.M. et.al., Protein Sci. 6 (1), 5-12 (1997)