

**SERPING1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6673a****Specification**

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**SERPING1 Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [P05155](#)

**SERPING1 Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 710

**Other Names**

Plasma protease C1 inhibitor, C1 Inh, C1Inh, C1 esterase inhibitor, C1-inhibiting factor, Serpin G1, SERPING1, C1IN, C1NH

**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.

**SERPING1 Antibody (N-term) Blocking Peptide - Protein Information**

**Name** SERPING1

**Synonyms** C1IN, C1NH

**Function**

Activation of the C1 complex is under control of the C1- inhibitor. It forms a proteolytically inactive stoichiometric complex with the C1r or C1s proteases. May play a potentially crucial role in regulating important physiological pathways including complement activation, blood coagulation, fibrinolysis and the generation of kinins. Very efficient inhibitor of FXIIa. Inhibits chymotrypsin and kallikrein.

**Cellular Location**

Secreted.

**SERPING1 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **SERPING1 Antibody (N-term) Blocking Peptide - Images**

### **SERPING1 Antibody (N-term) Blocking Peptide - Background**

SERPING1 is a highly glycosylated plasma protein involved in the regulation of the complement cascade. This protein inhibits activated C1r and C1s of the first complement component and thus regulates complement activation. Deficiency of this protein is associated with hereditary angioneurotic oedema (HANE).

### **SERPING1 Antibody (N-term) Blocking Peptide - References**

Park,K.H., Mol. Vis. 15, 200-207 (2009)Gosswein,T., Cytogenet. Genome Res. 121 (3-4), 181-188 (2008)