

**SPCS3 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6676b****Specification**

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**SPCS3 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [P61009](#)**SPCS3 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 60559**Other Names**

Signal peptidase complex subunit 3, 34--, Microsomal signal peptidase 22/23 kDa subunit, SPC22/23, SPase 22/23 kDa subunit, SPCS3, SPC22

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6676b](/products/AP6676b) was selected from the C-term region of human SPCS3. 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.

**SPCS3 Antibody (C-term) Blocking Peptide - Protein Information****Name** SPCS3**Synonyms** SPC22**Function**

Essential component of the signal peptidase complex (SPC) which catalyzes the cleavage of N-terminal signal sequences from nascent proteins as they are translocated into the lumen of the endoplasmic reticulum (PubMed: [27499293](http://www.uniprot.org/citations/27499293), PubMed: [34388369](http://www.uniprot.org/citations/34388369)). Essential for the SPC catalytic activity, possibly by stabilizing and positioning the active center of the complex close to the luminal surface (By similarity).

**Cellular Location**

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:P61008}; Single-pass type II

membrane protein {ECO:0000250|UniProtKB:P61008}

### **SPCS3 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **SPCS3 Antibody (C-term) Blocking Peptide - Images**

### **SPCS3 Antibody (C-term) Blocking Peptide - Background**

SPCS3 is a component of the microsomal signal peptidase complex which removes signal peptides from nascent proteins as they are translocated into the lumen of the endoplasmic reticulum.

### **SPCS3 Antibody (C-term) Blocking Peptide - References**

Clark,H.F., Genome Res. 13 (10), 2265-2270 (2003)