

SEC11C Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10902b**Specification**

SEC11C Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9BY50](#)**SEC11C Antibody (C-term) Blocking peptide - Additional Information**

Gene ID 90701

Other Names

Signal peptidase complex catalytic subunit SEC11C, Microsomal signal peptidase 21 kDa subunit, SPase 21 kDa subunit, SEC11 homolog C, SEC11-like protein 3, SPC21, SEC11C, SEC11L3, SPC21, SPCS4C

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.

SEC11C Antibody (C-term) Blocking peptide - Protein Information

Name SEC11C

Synonyms SEC11L3, SPC21, SPCS4C

Function

Catalytic 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:34388369). Specifically cleaves N- terminal signal peptides that contain a hydrophobic alpha-helix (h- region) shorter than 18-20 amino acids (PubMed:34388369).

Cellular Location

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:P13679}; Single-pass type II membrane protein {ECO:0000250|UniProtKB:P13679}

SEC11C Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SEC11C Antibody (C-term) Blocking peptide - Images

SEC11C Antibody (C-term) Blocking peptide - Background

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 (By similarity).

SEC11C Antibody (C-term) Blocking peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)Dodson, G., et al. Curr. Opin. Struct. Biol. 8(2):189-194(1998)