

**SEC23B Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18650b****Specification**

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**SEC23B Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q15437](#)**SEC23B Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 10483**Other Names**

Protein transport protein Sec23B, SEC23-related protein B, SEC23B

**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.

**SEC23B Antibody (C-term) Blocking Peptide - Protein Information****Name** SEC23B ([HGNC:10702](#))**Function**

Component of the coat protein complex II (COPII) which promotes the formation of transport vesicles from the endoplasmic reticulum (ER). The coat has two main functions, the physical deformation of the endoplasmic reticulum membrane into vesicles and the selection of cargo molecules for their transport to the Golgi complex.

**Cellular Location**

Cytoplasmic vesicle, COPII-coated vesicle membrane {ECO:0000250|UniProtKB:Q15436}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q15436}; Cytoplasmic side {ECO:0000250|UniProtKB:Q15436}. Endoplasmic reticulum membrane; Peripheral membrane protein {ECO:0000250|UniProtKB:Q15436}; Cytoplasmic side {ECO:0000250|UniProtKB:Q15436}. Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q15436}

**Tissue Location**

Ubiquitously expressed.

**SEC23B Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **SEC23B Antibody (C-term) Blocking Peptide - Images**

#### **SEC23B Antibody (C-term) Blocking Peptide - Background**

The protein encoded by this gene is a member of the SEC23 subfamily of the SEC23/SEC24 family, which is involved in vesicle trafficking. The encoded protein has similarity to yeast Sec23p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. The function of this gene product has been implicated in cargo selection and concentration. Multiple alternatively spliced transcript variants have been identified in this gene.

#### **SEC23B Antibody (C-term) Blocking Peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Fermo, E., et al. Blood Cells Mol. Dis. 45(1):20-22(2010) Bianchi, P., et al. Hum. Mutat. 30(9):1292-1298(2009) Schwarz, K., et al. Nat. Genet. 41(8):936-940(2009) Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)