

**SC16B Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9840b****Specification**

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**SC16B Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q96JE7](#)**SC16B Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 89866**Other Names**

Protein transport protein Sec16B, Leucine zipper transcription regulator 2, Regucalcin gene promoter region-related protein p117, RGPR-p117, SEC16 homolog B, SEC16B, KIAA1928, LZTR2, RGPR, SEC16S

**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.

**SC16B Antibody (C-term) Blocking Peptide - Protein Information****Name** SEC16B**Synonyms** KIAA1928, LZTR2, RGPR, SEC16S**Function**

Plays a role in the organization of the endoplasmic reticulum exit sites (ERES), also known as transitional endoplasmic reticulum (tER). Required for secretory cargo traffic from the endoplasmic reticulum to the Golgi apparatus (PubMed:<<http://www.uniprot.org/citations/17192411>>17192411</a>, PubMed:<<http://www.uniprot.org/citations/21768384>>21768384</a>, PubMed:<<http://www.uniprot.org/citations/22355596>>22355596</a>). Involved in peroxisome biogenesis. Regulates the transport of peroxisomal biogenesis factors PEX3 and PEX16 from the ER to peroxisomes (PubMed:<<http://www.uniprot.org/citations/21768384>>21768384</a>).

**Cellular Location**

Endoplasmic reticulum membrane; Peripheral membrane protein. Golgi apparatus membrane; Peripheral membrane protein. Note=Localizes to endoplasmic reticulum exit sites (ERES), also known as transitional endoplasmic reticulum (tER).

**Tissue Location**

Ubiquitous.

**SC16B Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**SC16B Antibody (C-term) Blocking Peptide - Images****SC16B Antibody (C-term) Blocking Peptide - Background**

SEC16B is a mammalian homolog of *S. cerevisiae* Sec16 that is required for organization of transitional endoplasmic reticulum (ER) sites and protein export (Bhattacharyya and Glick, 2007).

**SC16B Antibody (C-term) Blocking Peptide - References**

Li, S., et al. Am. J. Clin. Nutr. 91(1):184-190(2010)Hotta, K., et al. J. Hum. Genet. 54(12):727-731(2009)Yamaguchi, M. Mol. Cell. Biochem. 327 (1-2), 53-63 (2009) Thorleifsson, G., et al. Nat. Genet. 41(1):18-24(2009)Bhattacharyya, D., et al. Mol. Biol. Cell 18(3):839-849(2007)