

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

SC16B Antibody (C-term) Blocking Peptide - Product InformationPrimary 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:17192411, PubMed:21768384, PubMed:22355596). Involved in peroxisome biogenesis. Regulates the transport of peroxisomal biogenesis factors PEX3 and PEX16 from the ER to peroxisomes (PubMed:21768384).

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)