

**SC31B Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5617b****Specification**

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**SC31B Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [O9N0W1](#)  
Other Accession [NP\\_056305.1](#)

**SC31B Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 25956

**Other Names**

Protein transport protein Sec31B, SEC31-like protein 2, SEC31-related protein B, SEC31B-1, SEC31B, SEC31L2

**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.

**SC31B Antibody (C-term) Blocking peptide - Protein Information**

**Name** SEC31B

**Synonyms** SEC31L2

**Function**

As a component of the coat protein complex II (COPII), may function in vesicle budding and cargo export from the endoplasmic reticulum.

**Cellular Location**

Cytoplasm. Cytoplasmic vesicle, COPII-coated vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Endoplasmic reticulum membrane; Peripheral membrane protein

**Tissue Location**

Ubiquitously expressed at low levels with specific expression in thymus and testis. Expressed in testis by Sertoli cells, Leydig cells and spermatogonia and in cerebellum more prominently by Purkinje and granular cells (at protein level)

**SC31B Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**SC31B Antibody (C-term) Blocking peptide - Images****SC31B Antibody (C-term) Blocking peptide - Background**

This gene encodes a protein of unknown function. The protein has moderate similarity to rat VAP1 protein which is an endosomal membrane-associated protein, containing a putative  $\text{Ca}^{2+}$ /calmodulin-dependent kinase II phosphorylation site.

**SC31B Antibody (C-term) Blocking peptide - References**

Stankewich, M.C., et al. J. Cell. Sci. 119 (PT 5), 958-969 (2006) ; Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006) Tang, B.L., et al. J. Biol. Chem. 275(18):13597-13604(2000)