

### SC31B Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP5617b

### **Specification**

# SC31B Antibody (C-term) - Product Information

**Application** FC, WB, E **Primary Accession 09NOW1** Other Accession NP 056305.1 Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 128697 Antigen Region 1076-1104

### SC31B Antibody (C-term) - Additional Information

#### **Gene ID 25956**

#### **Other Names**

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

#### Target/Specificity

This SC31B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1076-1104 amino acids from the C-terminal region of human SC31B.

#### **Dilution**

FC~~1:10~50 WB~~1:1000

E~~Use at an assay dependent concentration.

### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Precautions**

SC31B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### SC31B Antibody (C-term) - 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**

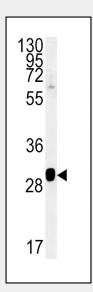
Ubiquitously expressed at low levels with specific expression in thymus and testis. Expressed in testis by Sertoli cells, Leydig cells and spermatogonia and in cerebellum more prominently by Purkinje and granular cells (at protein level)

### SC31B Antibody (C-term) - Protocols

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

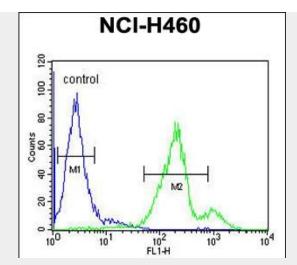
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

### SC31B Antibody (C-term) - Images



SC31B Antibody (C-term) (Cat. #AP5617b) western blot analysis in NCI-H460 cell line lysates (15ug/lane). This demonstrates the SC31B antibody detected the SC31B protein (arrow).





SC31B Antibody (C-term) (Cat. #AP5617b) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

# SC31B Antibody (C-term) - 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 Ca2+/calmodulin-dependent kinase II phosphorylation site.

# SC31B Antibody (C-term) - 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)