

SEC31B Rabbit pAb

Catalog # AP96335

Product Information

Application	WB
Primary Accession	Q9NQW1
Other Accession	Q9NQW1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	128697
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SEC31B
Epitope Specificity	481-580/1179
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SIMILARITY	Belongs to the WD repeat SEC31 family. Contains 8 WD repeats.
Post-translational modifications	Monoubiquitinated by the BCR(KLHL12) E3 ubiquitin ligase complex, leading to regulate the size of COPII coats.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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 Ca ²⁺ /calmodulin-dependent kinase II phosphorylation site. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	25956
Other Names	SEC31B-1; SEC31L2; Gm341; SC31B_HUMAN; SEC31B; SEC31-like protein 2; SEC31-related protein B; SC31B_MOUSE; SEC31 homolog B, COPII component; SEC31 homolog B, COPII coat complex component; SEC31-like 2 (S. cerevisiae); SEC31 homolog B (S. cerevisiae)
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.