

For Research Use Only

CoraLite® Plus 488-conjugated SEC31A Polyclonal antibody



Catalog Number: CL488-17913

Featured Product

Basic Information

Catalog Number: CL488-17913	GenBank Accession Number: BC084583	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 22872	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: SEC31 homolog A (S. cerevisiae)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 1220 aa, 133 kDa	
Immunogen Catalog Number: AG12314	Observed MW: 133 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HeLa cells,
Species Specificity: human, mouse, rat	

Background Information

COPII-coated vesicles mediate anterograde transport from the ER to the Golgi apparatus. COPII is composed of three parts: two coat protein complexes (Sec23/24 complex and Sec13/31 complex) and one small GTP-binding protein, Sar1 (PMID: 9568718). Sec31 subunit of the coat complex has been shown to be essential for vesicle formation and ER-Golgi transport (PMID: 10788476). Two mammalian homologues of yeast sec31p, Sec31A and Sec31B, share about 40% amino acid identity. Sec31A transcripts are ubiquitously and abundantly expressed.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data