

For Research Use Only

SEC24C Polyclonal antibody

Catalog Number: 16073-1-AP



Basic Information

Catalog Number: 16073-1-AP	GenBank Accession Number: BC018928	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9632	Recommended Dilutions: WB 1:500-1:1000 IF 1:10-1:100
Source: Rabbit	Full Name: SEC24 family, member C (S. cerevisiae)	
Isotype: IgG	Calculated MW: 1094 aa, 118 kDa	
Immunogen Catalog Number: AG9030	Observed MW: 110-120 kDa	

Applications

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

Background Information

COP1-coated vesicles mediate anterograde transport from the ER to the Golgi apparatus. COP1 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). Sec24 subunit of the coat complex has been implicated in cargo recognition (PMID: 17316621). In mammal cells there are four Sec24 isoforms, termed Sec24A, Sec24B, Sec24C, and Sec24D (PMID: 10329445).

Storage

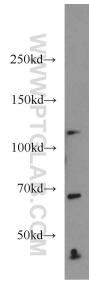
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

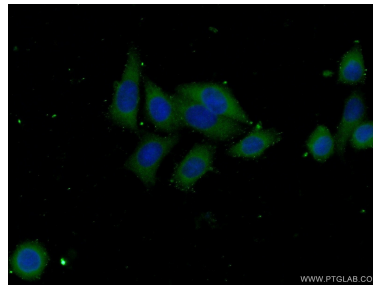
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 16073-1-AP (SEC24C antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 16073-1-AP (SEC24C antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).