

For Research Use Only

SEC24C Polyclonal antibody, PBS Only

Catalog Number:16073-1-PBS



Basic Information

Catalog Number:

16073-1-PBS

Size:

100ug , Concentration: 1mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9030

GenBank Accession Number:

BC018928

GeneID (NCBI):

9632

UNIPROT ID:

P53992

Full Name:

SEC24 family, member C (S. cerevisiae)

Calculated MW:

1094 aa, 118 kDa

Observed MW:

110-120 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF/ICC, ELISA

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). 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 -80°C.

Storage Buffer:

PBS only, pH7.3

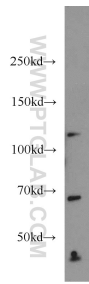
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

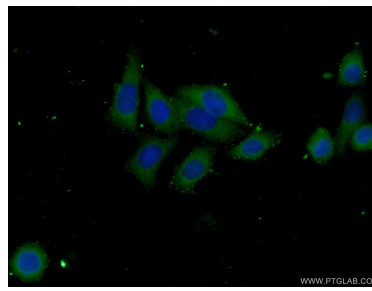
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



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. This data was developed using the same antibody clone with 16073-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 16073-1-PBS in a different storage buffer formulation.