

For Research Use Only

SEC16B Polyclonal antibody

Catalog Number:17245-1-AP



Basic Information

Catalog Number: 17245-1-AP	GenBank Accession Number: BC009106	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop and 253 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 89866	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q96JE7	
Isotype: IgG	Full Name: SEC16 homolog B (S. cerevisiae)	
Immunogen Catalog Number: AG11173	Calculated MW: 71 kDa, 117 kDa	
	Observed MW: 60-70 kDa	

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse pancreas tissue,

IHC : human pancreas cancer tissue,

Background Information

SEC16B also known as LZTR2, RGPR-p117, is a mammalian homolog of S. cerevisiae Sec16 that is required for organization of transitional endoplasmic reticulum (ER) sites and protein export (PMID: 17192411). SEC16B regulates the transport of peroxisomal biogenesis factors PEX3 and PEX16 from the ER to peroxisomes (PMID:21768384). SEC16B may be involved in human obesity to possess an association between single nucleotide polymorphisms and different measures of obesity (PMID: 28413634).

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

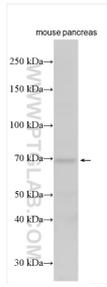
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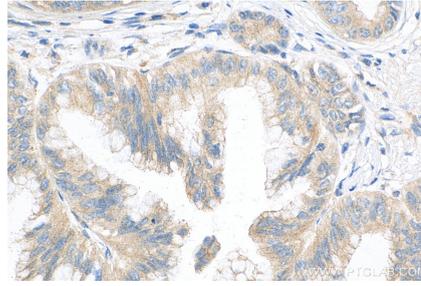
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Selected Validation Data



mouse pancreas tissue was subjected to SDS PAGE followed by western blot with 17245-1-AP (SEC16B antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 17245-1-AP (SEC16B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).