

For Research Use Only

SEC22B Polyclonal antibody

Catalog Number: 14776-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number: 14776-1-AP	GenBank Accession Number: BC001364	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop;	GeneID (NCBI): 9554	Recommended Dilutions: WB 1:2000-1:12000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: SEC22 vesicle trafficking protein homolog B (<i>S. cerevisiae</i>)	
Isotype: IgG	Calculated MW: 25 kDa	
Immunogen Catalog Number: AG6077	Observed MW: 24 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Cited Applications:

IF, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

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: HeLa cells, MCF-7 cells, rat liver tissue, mouse brain tissue, rat brain tissue

IHC: human breast cancer tissue, human liver tissue

IF: MCF-7 cells,

Background Information

Soluble N-ethylmaleimide-sensitive factor (NSF) attachment protein receptor (SNARE) proteins are critical components of the membrane fusion machinery (PMID: 20163564). SEC22B is a SNARE involved in endoplasmic reticulum (ER)/Golgi membrane trafficking. SEC22B localizes to the ER-Golgi intermediate compartment (ERGIC) and has been identified as a regulator of antigen crosspresentation (PMID: 22153078).

Notable Publications

Author	Pubmed ID	Journal	Application
Di Li	33186631	Brain Res Bull	WB,IF
Jin-Mi Heo	31723608	Sci Adv	
Xiao Wang	33186557	Cell Metab	WB

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

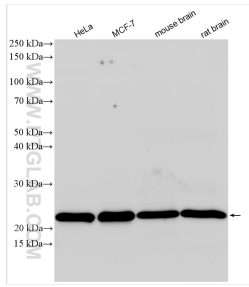
For technical support and original validation data for this product please contact:

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

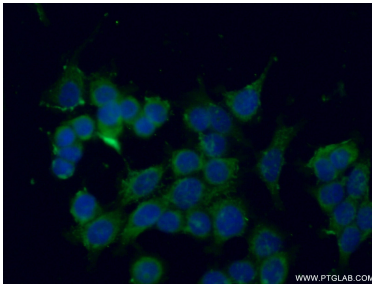
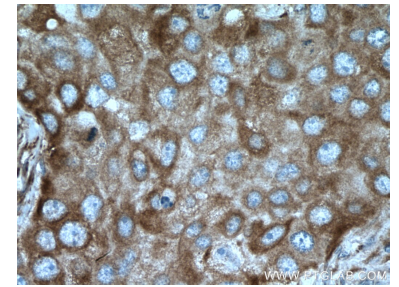
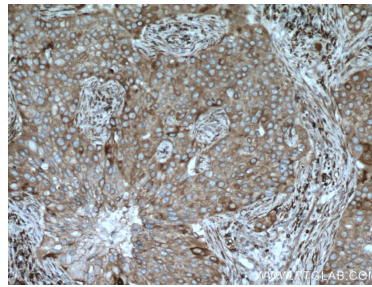
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14776-1-AP (SEC22B antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 14776-1-AP (SEC22B antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).