

For Research Use Only

SEC6 Polyclonal antibody

Catalog Number: 14703-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 14703-1-AP	GenBank Accession Number: BC064569	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 400 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 11336	Recommended Dilutions: WB 1:500-1:2400 IHC 1:50-1:500 IF 1:20-1:200
Source: Rabbit	Full Name: exocyst complex component 3	
Isotype: IgG	Calculated MW: 87 kDa	
Immunogen Catalog Number: AG6383	Observed MW: 86 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : human brain tissue, COLO 320 cells, HeLa cells, HepG2 cells IHC : human gliomas tissue, IF : HepG2 cells,
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human, rat	

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

Background Information

Exoc3 (Sec6) is a component of the exocyst (Sec6/8) complex involved in vesicle trafficking at neural synapses and vesicle targeting in polarized epithelial cells. Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. This complex is composed of eight proteins (Sec3, Sec5, Sec6, Sec8, Sec10, and Sec15, Exo70 and Exo84), with molecular weights ranging from 70 to 144 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Hiroki Takeuchi	26617273	Cell Microbiol	WB
Youssef G G	23685254	Dev Biol	WB
Takeuchi Hiroki H	21155963	Cell Microbiol	WB

Storage

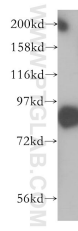
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

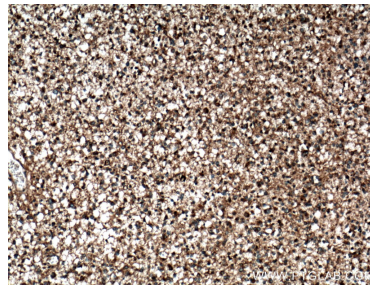
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

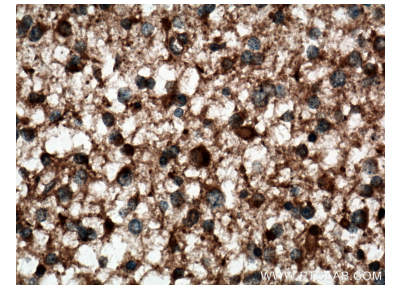
Selected Validation Data



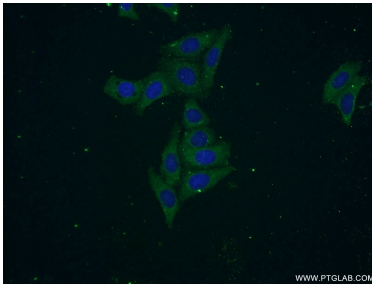
human brain tissue were subjected to SDS PAGE followed by western blot with 14703-1-AP (SEC6 antibody) at dilution of 1:86 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 14703-1-AP (SEC6 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 14703-1-AP (SEC6 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells using 14703-1-AP (SEC6 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).