

For Research Use Only

SEC6 Polyclonal antibody, PBS Only

Catalog Number: 14703-1-PBS

Featured Product



Basic Information

Catalog Number:

14703-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6383

GenBank Accession Number:

BC064569

GeneID (NCBI):

11336

UNIPROT ID:

O60645

Full Name:

exocyst complex component 3

Calculated MW:

87 kDa

Observed MW:

86 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

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.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

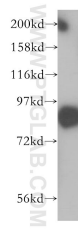
For technical support and original validation data for this product please contact:

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

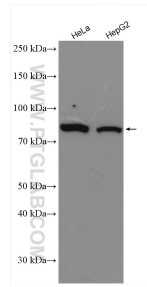
E: proteintech@ptglab.com
W: ptglab.com

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

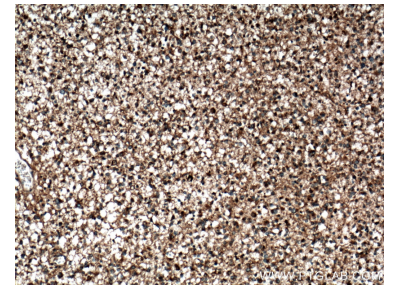
Selected Validation Data



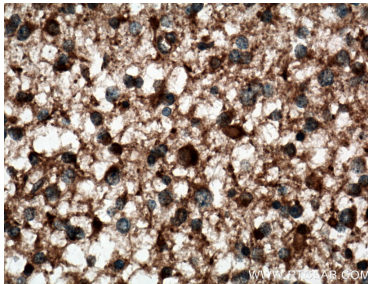
human brain tissue were subjected to SDS PAGE followed by western blot with 14703-1-AP (SEC6 antibody) at dilution of 1:86 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 14703-1-PBS in a different storage buffer formulation.



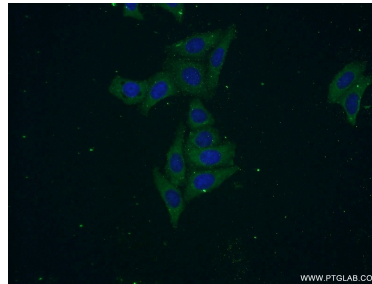
Various lysates were subjected to SDS PAGE followed by western blot with 14703-1-AP (SEC6 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 14703-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 14703-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 14703-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 14703-1-PBS in a different storage buffer formulation.