

For Research Use Only

SEC6 Polyclonal antibody

Catalog Number: 14703-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

14703-1-AP

Size:

150ul , Concentration: 400 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6383

GenBank Accession Number:

BC064569

GeneID (NCBI):

11336

Full Name:

exocyst complex component 3

Calculated MW:

87 kDa

Observed MW:

86 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2400

IHC 1:50-1:500

IF 1:20-1:200

Applications

Tested Applications:

IF, IHC, WB, ELISA

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

Positive Controls:

WB : human brain tissue, COLO 320 cells, HeLa cells, HepG2 cells

IHC : human gliomas tissue,

IF : HepG2 cells,

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
Li Wang	29503206	Cell Chem Biol	WB
Youssef G G	23685254	Dev Biol	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

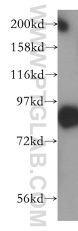
For technical support and original validation data for this product please contact:

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

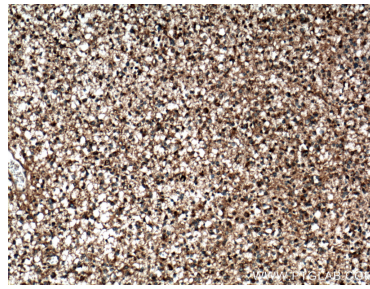
E: proteintech@ptglab.com
W: ptglab.com

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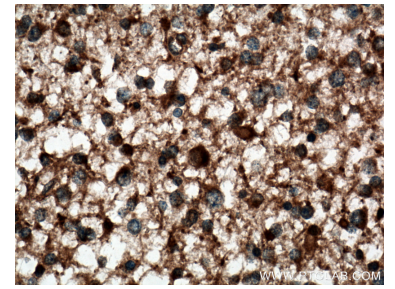
Selected Validation Data



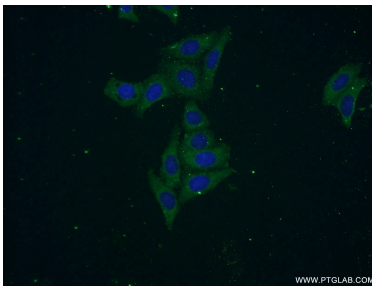
human brain tissue were subjected to SDS PAGE followed by western blot with 14703-1-AP (SEC6 antibody) at dilution of 1:86 incubated at room temperature for 1.5 hours.



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).