

For Research Use Only

Septin 7 Monoclonal antibody, PBS Only



Catalog Number: 66542-1-PBS

Featured Product

Basic Information

Catalog Number:

66542-1-PBS

Size:

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

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG4309

GenBank Accession Number:

BC025987

GeneID (NCBI):

989

UNIPROT ID:

Q16181

Full Name:

septin 7

Calculated MW:

51 kDa

Observed MW:

48-51 kDa

Purification Method:

Protein G purification

CloneNo.:

1G12D1

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

Human, mouse, rat

Background Information

Septins (SEPTs) are members of a conserved family of cytoskeletal GTPases involved in various cellular processes, including cytoskeleton organization, cytokinesis, and membrane dynamics. Septin 7 is a unique septin required for filament formation. It has also been reported to be involved in migration and invasion in various cancer cells, including breast cancer and glioma.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

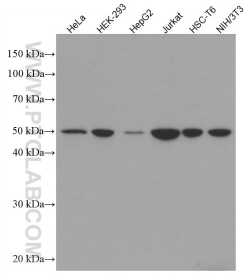
For technical support and original validation data for this product please contact:

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

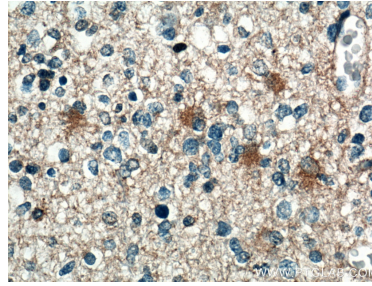
E: proteintech@ptglab.com
W: ptglab.com

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

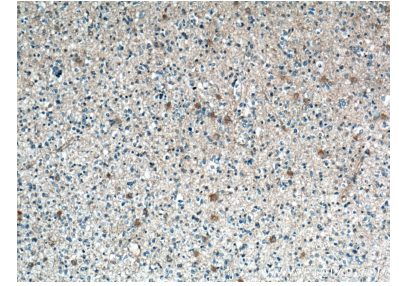
Selected Validation Data



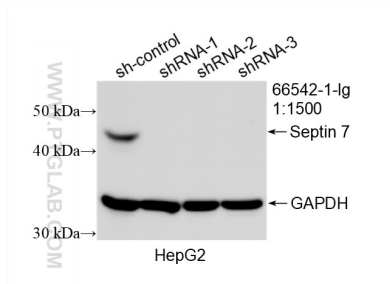
Various lysates were subjected to SDS PAGE followed by western blot with 66542-1-Ig (Septin 7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66542-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66542-1-Ig (Septin 7 antibody) at dilution of 1:2000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66542-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66542-1-Ig (Septin 7 antibody) at dilution of 1:2000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66542-1-PBS in a different storage buffer formulation.



WB result of Septin 7 antibody (66542-1-Ig; 1:1500; incubated at room temperature for 1.5 hours) with sh-Control and sh-Septin 7 transfected HepG2 cells. This data was developed using the same antibody clone with 66542-1-PBS in a different storage buffer formulation.