

For Research Use Only

SEPT9 Recombinant antibody, PBS Only

Catalog Number: 82844-2-PBS

Featured Product



Basic Information

Catalog Number:

82844-2-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1218

GenBank Accession Number:

BC021192

GeneID (NCBI):

10801

UNIPROT ID:

Q9UHD8

Full Name:

septin 9

Calculated MW:

64 kDa

Observed MW:

65 kDa, 38-40 kDa

Purification Method:

Protein A purification

CloneNo.:

2E7

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human, mouse

Background Information

SEPT9 belongs to the septin family which is a group of highly conserved GTP-binding proteins in eukaryotes. SEPT9 plays a role in cytokinesis, the final stage of cell division. SEPT9 gene methylation has been implicated as a biomarker for colorectal cancer(CRC).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

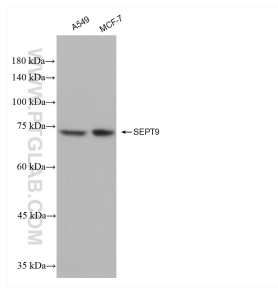
For technical support and original validation data for this product please contact:

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

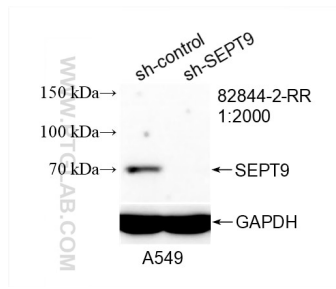
E: proteintech@ptglab.com
W: ptglab.com

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

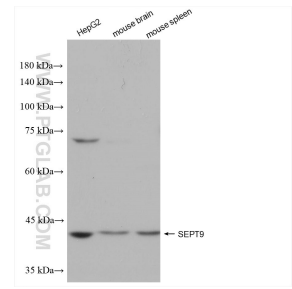
Selected Validation Data



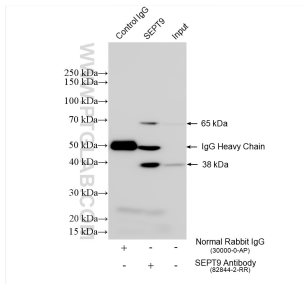
Various lysates were subjected to SDS PAGE followed by western blot with 82844-2-RR (SEPT9 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82844-2-PBS in a different storage buffer formulation.



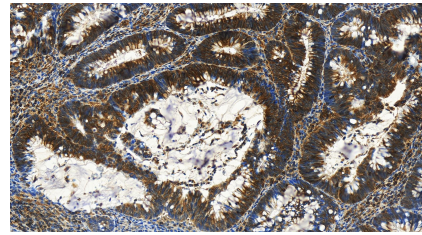
WB result of SEPT9 antibody (82844-2-RR; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SEPT9 transfected A549 cells. This data was developed using the same antibody clone with 82844-2-PBS in a different storage buffer formulation.



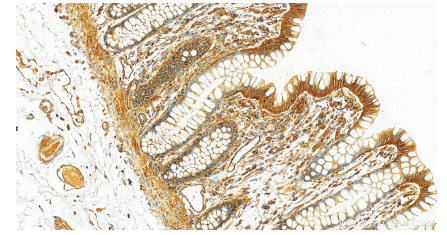
Various lysates were subjected to SDS PAGE followed by western blot with 82844-2-RR (SEPT9 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82844-2-PBS in a different storage buffer formulation.



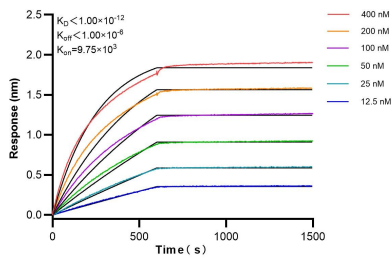
IP result of anti-SEPT9 (IP:82844-2-RR, 4ug; Detection:82844-2-RR 1:1000) with mouse brain tissue lysate 1680 ug. This data was developed using the same antibody clone with 82844-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer slide using 82844-2-RR (SEPT9 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82844-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 82844-2-RR (SEPT9 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82844-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82844-2-RR against Human SEPT9 were performed. The affinity constant is below 1 pM.