

For Research Use Only

SEPT9 Recombinant antibody

Catalog Number: 82844-2-RR

Featured Product



Basic Information

Catalog Number:

82844-2-RR

Size:

100ul, Concentration: 500 ug/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

Recommended Dilutions:

WB 1:2000-1:10000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:500-1:2000

Applications

Tested Applications:

WB, IHC, IP, ELISA

Species Specificity:

human, mouse

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 : A549 cells, HepG2 cells, mouse brain tissue, mouse spleen tissue

IP : mouse brain tissue,

IHC : human colon tissue, human colon cancer

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 -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:

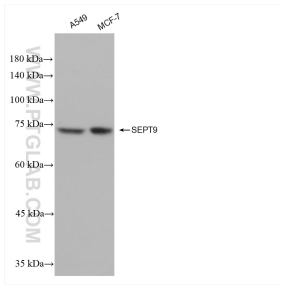
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

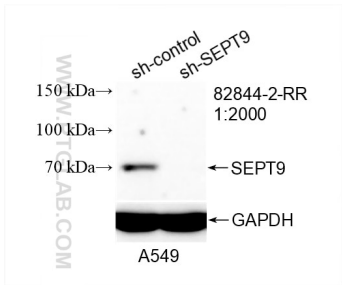
W: ptglab.com

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

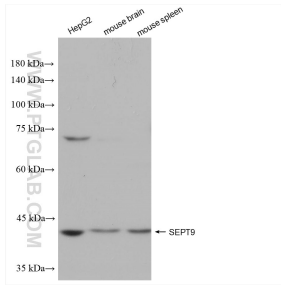
Selected Validation Data



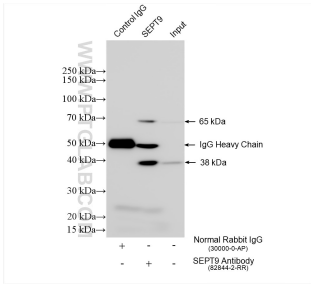
Various lysates were subjected to SDS PAGE followed by western blot with 82844-2-RR (SEPT9 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



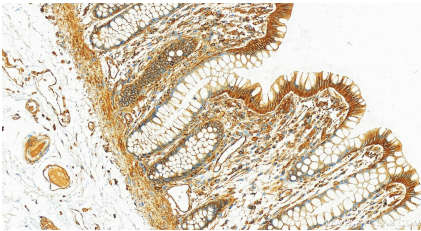
WB result of SEPT9 antibody (82844-2-RR; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SEPT9 transfected A549 cells.



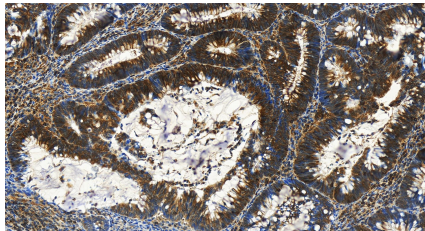
Various lysates were subjected to SDS PAGE followed by western blot with 82844-2-RR (SEPT9 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



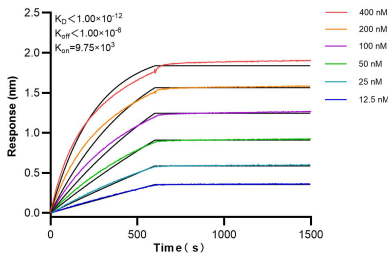
IP result of anti-SEPT9 (IP:82844-2-RR, 4ug; Detection:82844-2-RR 1:1000) with mouse brain tissue lysate 1680 ug.



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).



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).



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