

For Research Use Only

# SPTLC2 Polyclonal antibody

Catalog Number: 51012-2-AP

Featured Product

17 Publications



## Basic Information

### Catalog Number:

51012-2-AP

### Size:

800 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

BC005123

### GeneID (NCBI):

9517

### UNIPROT ID:

O15270

### Full Name:

serine palmitoyltransferase, long chain base subunit 2

### Calculated MW:

63 kDa

### Observed MW:

55-65 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC, IF, ColP

### Species Specificity:

human, mouse

### Cited Species:

human, mouse, rat

### Positive Controls:

WB : A549 cells, mouse brain tissue, HEK-293 cells, HT-29 cells, HepG2 cells, NIH/3T3 cells

IHC : human colon tissue,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Pablo Ranea-Robles	34651140	Kidney360	WB
Christina D Camell	26438821	J Biol Chem	WB
Yi-Yu Qi	35391788	Drug Des Devel Ther	IF

## 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:

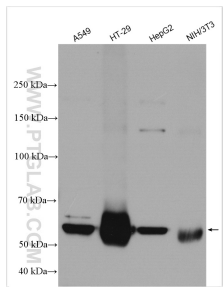
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

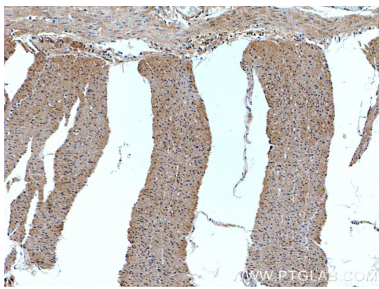
W: [ptgcn.com](http://ptgcn.com)

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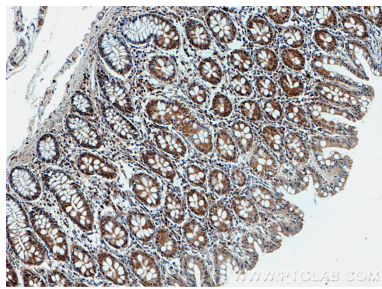
Selected Validation Data



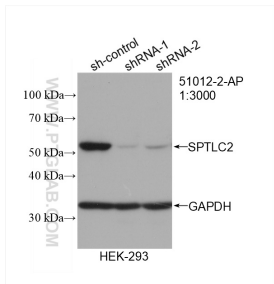
Various lysates were subjected to SDS PAGE followed by western blot with 51012-2-AP (SPTLC2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 51012-2-AP (SPTLC2 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 51012-2-AP (SPTLC2 antibody) at dilution of 1:200 (under 0x lens).



WB result of SPTLC2 antibody (51012-2-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SPTLC2 transfected HEK-293 cells.