

For Research Use Only

# SPTBN2 Polyclonal antibody

Catalog Number: 55107-1-AP

Featured Product

5 Publications



## Basic Information

### Catalog Number:

55107-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_006946

### GeneID (NCBI):

6712

### UNIPROT ID:

O15020

### Full Name:

spectrin, beta, non-erythrocytic 2

### Calculated MW:

271 kDa

### Observed MW:

270 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IHC 1:150-1:600

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, drosophila

**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** : HeLa cells, human brain tissue, mouse brain, rat brain

**IHC** : human stomach cancer tissue,

## Background Information

SPTBN2, also named as KIAA0302, belongs to the spectrin family. It probably plays an important role in neuronal membrane skeleton. Defects in SPTBN2 are the cause of spinocerebellar ataxia type 5 (SCA5). The antibody is specific to SPTBN2.

## Notable Publications

Author	Pubmed ID	Journal	Application
Catherine Choi	36263376	Front Mol Neurosci	WB
Kenneth Kin Lam Wong	25589787	J Biol Chem	WB, IF
Xiaofen Zhou	35968508	Dis Markers	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

0.1M NaHCO<sub>3</sub>, 0.1M glycine, 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

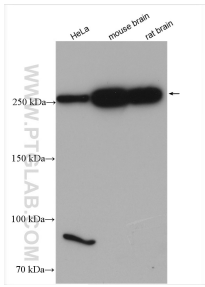
For technical support and original validation data for this product please contact:

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

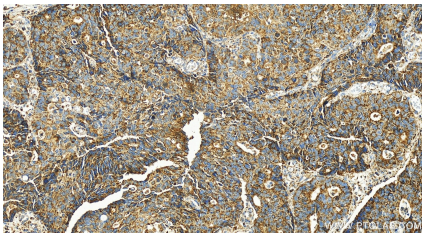
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

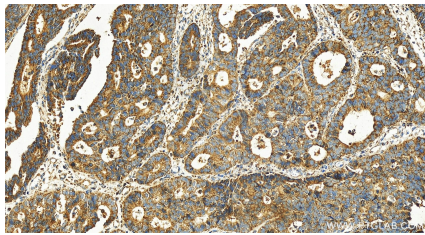
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55107-1-AP (SPTBN2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 55107-1-AP (SPTBN2 antibody) at dilution of 1:300 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 55107-1-AP (SPTBN2 antibody) at dilution of 1:300 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).