

For Research Use Only

SPTBN2 Polyclonal antibody

Catalog Number: 55107-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

55107-1-AP

Size:

600 ug/ml

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 NaHCO₃, 0.1M glycine, 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:

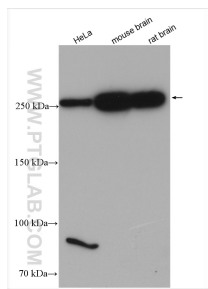
T: 4006900926

E: Proteintech-CN@ptglab.com

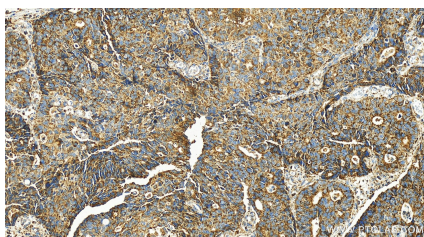
W: ptgcn.com

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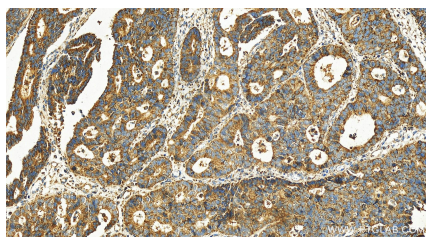
Selected Validation Data



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).



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