

For Research Use Only

STMN2 Monoclonal antibody, PBS Only

Catalog Number: 67204-1-PBS

Featured Product



Basic Information

Catalog Number:

67204-1-PBS

Size:

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

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28990

GenBank Accession Number:

BC006302

GeneID (NCBI):

11075

UNIPROT ID:

Q93045

Full Name:

stathmin-like 2

Calculated MW:

21 kDa

Observed MW:

22 kDa

Purification Method:

Protein A purification

CloneNo.:

1F6C4

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat, pig

Background Information

STMN2 gene encodes a SCG10 (superior cervical ganglion-10) protein, a regulator of microtubule stability. When phosphorylated by MAPK8, SCG10 stabilizes microtubules and consequently controls neurite length in cortical neurons. SCG10 was early considered a neuron-specific growth-associated protein in Alzheimer's disease. In the developing brain, SCG10 negatively regulates the rate of exit from multipolar stage and retards radial migration from the ventricular zone.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

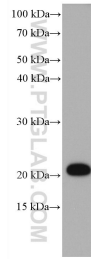
For technical support and original validation data for this product please contact:

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

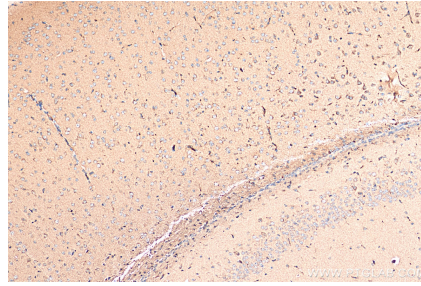
E: proteintech@ptglab.com
W: ptglab.com

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

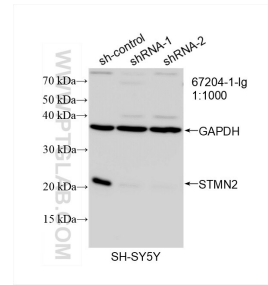
Selected Validation Data



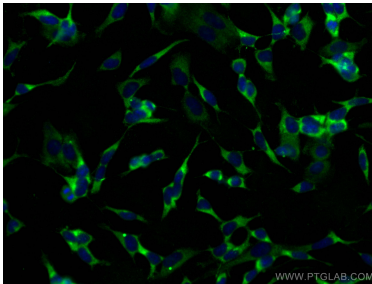
PC-12 cells were subjected to SDS PAGE followed by western blot with 67204-1-Ig (STMN2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67204-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67204-1-Ig (STMN2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67204-1-PBS in a different storage buffer formulation.



WB result of STMN2 antibody (67204-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-STMN2 transfected SH-SY5Y cells. This data was developed using the same antibody clone with 67204-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using STMN2 antibody (67204-1-Ig, Clone: 1F6C4) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67204-1-PBS in a different storage buffer formulation.