

For Research Use Only

STMN2 Recombinant antibody, PBS Only



Catalog Number: 82925-2-PBS

Basic Information

| | | |
|--|--|---|
| Catalog Number: 82925-2-PBS | GenBank Accession Number: BC006302 | Purification Method: Protein A purification |
| Size: 1 mg/ml | GeneID (NCBI): 11075 | CloneNo.: 230110B12 |
| Source: Rabbit | UNIPROT ID: Q93045 | |
| Isotype: IgG | Full Name: stathmin-like 2 | |
| Immunogen Catalog Number: AG0929 | Calculated MW: 21 kDa | |
| | Observed MW: 18-21 kDa | |

Applications

Tested Applications:
WB,IP,Indirect ELISA,IHC,IF

Species Specificity:
Human, mouse

Background Information

Stathmin-2 (encoded by STMN2), a member of the stathmin family of proteins, encodes a phosphoprotein that has an important role in microtubule dynamics. The STMN2 protein promotes microtubule dynamics in axonal growth cones, and is thought to play an important role in neurite outgrowth. STMN2 protein is localized in both Golgi and cytosolic compartments. Its expression appears modulated in osteoblasts by nerve growth factor, dexamethasone or RhoA kinase inhibitor Y-27632 which are known effectors of osteogenesis. (PMID: 33841129, PMID: 18611392)

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

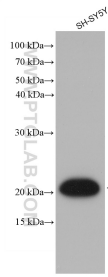
T: 4006900926

E: Proteintech-CN@ptglab.com

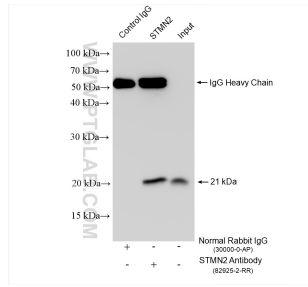
W: ptgcn.com

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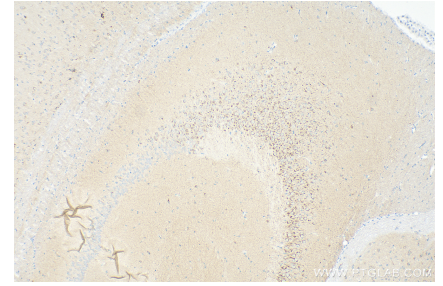
Selected Validation Data



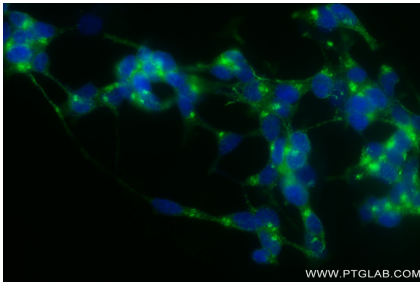
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 82925-2-RR (STMN2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82925-2-PBS in a different storage buffer formulation.



IP result of anti-STMN2 (IP:82925-2-RR, 4ug; Detection:82925-2-RR 1:1500) with SH-SY5Y cells lysate 1240 ug. This data was developed using the same antibody clone with 82925-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 82925-2-RR (STMN2 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82925-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using STMN2 antibody (82925-2-RR, Clone: 230110B12) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 82925-2-PBS in a different storage buffer formulation.