

For Research Use Only

SYT7 Polyclonal antibody

Catalog Number: 19741-1-AP



Basic Information

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|---|---|---|
| Catalog Number: 19741-1-AP | GenBank Accession Number: NM_004200 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 600 µg/ml by Nanodrop; | GeneID (NCBI): 9066 | Recommended Dilutions: WB 1:500-1:2000 IF 1:50-1:500 |
| Source: Rabbit | Full Name: synaptotagmin VII | |
| Isotype: IgG | Calculated MW: 46 kDa | |
| | Observed MW: 42 kDa | |

Applications

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|--|---|
| Tested Applications: IF, WB, ELISA | Positive Controls: WB : SH-SY5Y cells, IF : mouse cerebellum tissue, |
| Species Specificity: human, mouse | |

Background Information

SYT7, also named as PCANAP7 and IPCA-7, belongs to the synaptotagmin family. SYT7 may be involved in Ca²⁺-dependent exocytosis of secretory vesicles through Ca²⁺ and phospholipid binding to the C2 domain or may serve as Ca²⁺ sensors in the process of vesicular trafficking and exocytosis.

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

*** 20ul sizes contain 0.1% BSA

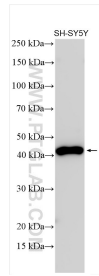
For technical support and original validation data for this product please contact:

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

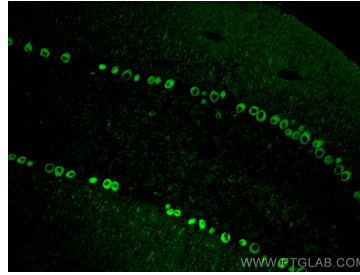
E: proteintech@ptglab.com
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Selected Validation Data



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 19741-1-AP (SYT7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse cerebellum tissue using SYT7 antibody (19741-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).