

For Research Use Only

SYT7 Polyclonal antibody

Catalog Number: 19741-1-AP



Basic Information

Catalog Number:

19741-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_004200

GeneID (NCBI):

9066

UNIPROT ID:

O43581

Full Name:

synaptotagmin VII

Calculated MW:

46 kDa

Observed MW:

42 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF 1:50-1:500

Applications

Tested Applications:

IF-P, WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : SH-SY5Y cells,

IF : mouse cerebellum tissue,

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

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

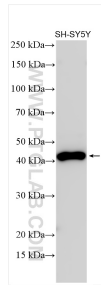
T: 4006900926

E: Proteintech-CN@ptglab.com

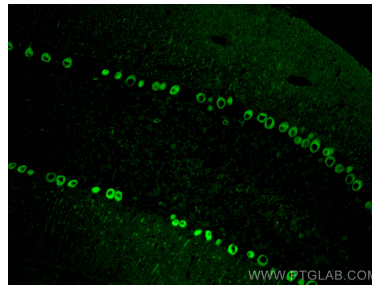
W: ptgcn.com

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Selected Validation Data



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 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).