

SV2C Polyclonal antibody

Catalog Number: 21271-1-AP

Basic Information

Catalog Number:

21271-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15745

GenBank Accession Number:

BC100826

GeneID (NCBI):

22987

UNIPROT ID:

Q496J9

Full Name:

synaptic vesicle glycoprotein 2C

Calculated MW:

727 aa, 82 kDa

Observed MW:

80-95 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

IHC, IP, WB, ELISA

Species Specificity:

human, mouse, rat

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 : mouse brain tissue, mouse skin tissue, C6 cells

IP : mouse brain tissue,

IHC : mouse cerebellum tissue,

Background Information

Storage

Storage:

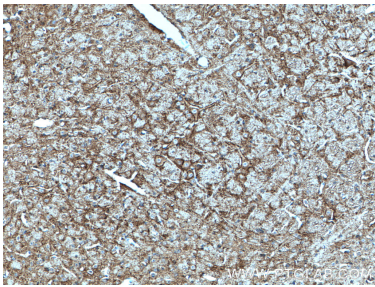
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

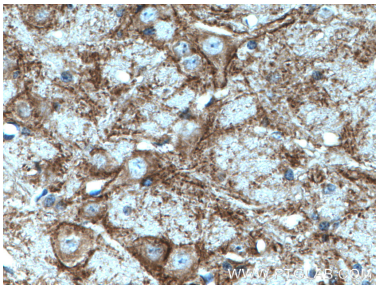
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

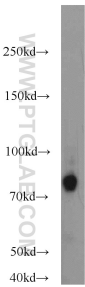
Selected Validation Data



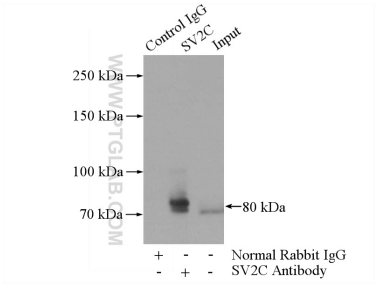
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 21271-1-AP (SV2C antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 21271-1-AP (SV2C antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



mouse brain tissue were subjected to SDS PAGE followed by western blot with 21271-1-AP (SV2C antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-SV2C (IP:21271-1-AP, 4ug; Detection:21271-1-AP 1:500) with mouse brain tissue lysate 3440ug.