

For Research Use Only

# SV2B Polyclonal antibody

Catalog Number: 14624-1-AP

3 Publications



## Basic Information

### Catalog Number:

14624-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG6137

### GenBank Accession Number:

BC030011

### GeneID (NCBI):

9899

### UNIPROT ID:

Q7L1I2

### Full Name:

synaptic vesicle glycoprotein 2B

### Calculated MW:

77 kDa

### Observed MW:

77 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IF, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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 : human brain tissue,

IP : mouse brain tissue,

IHC : human brain tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Suk-Young Song	30061854	Front Neurol	WB
Chaohua Peng	29713895	Neurosci Bull	WB
D Mustafov	38503772	Sci Rep	IHC,IF

## 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

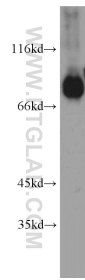
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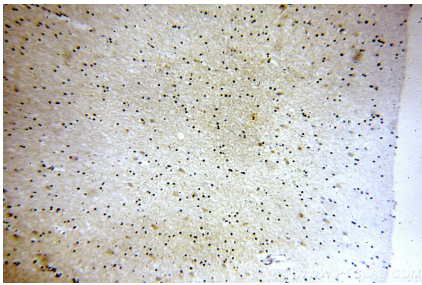
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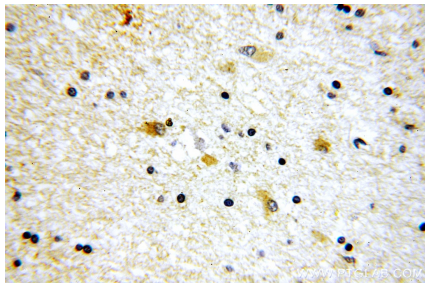
Selected Validation Data



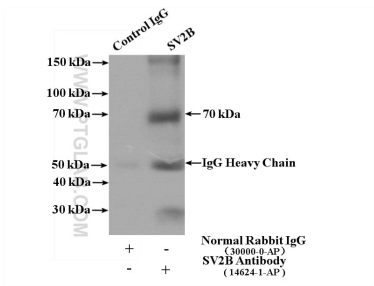
human brain tissue were subjected to SDS PAGE followed by western blot with 14624-1-AP (SV2B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 14624-1-AP (SV2B antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 14624-1-AP (SV2B antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-SV2B (IP:14624-1-AP, 4ug; Detection:14624-1-AP 1:500) with mouse brain tissue lysate 4000ug.