

## SV2B Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP14599
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Synaptic vesicle glycoprotein 2B
<b>Synonyms</b>	Synaptic vesicle glycoprotein 2B

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

This gene encodes a member of the synaptic vesicle proteins 2 (SV2) family and major facilitator superfamily of proteins. This protein and other members of the family are localized to synaptic vesicles and may function in the regulation of vesicle trafficking and exocytosis. Studies in mice suggest that the encoded protein may act as a protein receptor for botulinum neurotoxin E in neurons, and that this protein may be important for the integrity of the glomerular filtration barrier. This gene shows reduced expression in areas of synaptic loss in the hippocampus of human temporal lobe epilepsy patients.

### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

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