

SV2C Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51544**Specification**

SV2C Antibody - Product Information

Application	WB, E
Primary Accession	Q496J9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	82 KDa

SV2C Antibody - Additional Information**Gene ID** 22987**Other Names**

Synaptic vesicle glycoprotein 2C, SV2C, KIAA1054

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SV2C. The exact sequence is proprietary.

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

SV2C Antibody - Protein Information**Name** SV2C**Synonyms** KIAA1054**Function**

Plays a role in the control of regulated secretion in neural and endocrine cells, enhancing selectively low-frequency neurotransmission. Positively regulates vesicle fusion by maintaining the readily releasable pool of secretory vesicles.

Cellular LocationCytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane
{ECO:0000250|UniProtKB:Q9Z2I6}; Multi-pass membrane protein

{ECO:0000250|UniProtKB:Q9Z2I6}. Note=Enriched in small synaptic vesicles and adrenal microsomes, not present in chromaffin granules Associated with both insulin granules and synaptic-like microvesicles in insulin-secreting cells of the pancreas
{ECO:0000250|UniProtKB:Q9Z2I6}

SV2C Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SV2C Antibody - Images

SV2C Antibody - Background

Plays a role in the control of regulated secretion in neural and endocrine cells, enhancing selectively low-frequency neurotransmission. Positively regulates vesicle fusion by maintaining the readily releasable pool of secretory vesicles (By similarity).

SV2C Antibody - References

Kikuno R., et al. DNA Res. 6:197-205(1999).