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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 Location
Cytoplasmic 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 Cytomety
- 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).