

SV2C Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20824c

Product Information

Application	WB, E
Primary Accession	Q496J9
Reactivity	Human, Rat, Mouse
Predicted	Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB43556
Calculated MW	82342

Additional Information

Gene ID	22987
Other Names	Synaptic vesicle glycoprotein 2C, SV2C, KIAA1054
Target/Specificity	This SV2C antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 547-580 amino acids from the C-terminal region of human SV2C.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SV2C Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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}

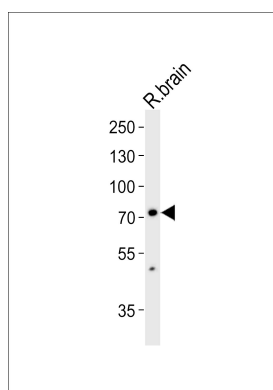
Background

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).

References

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

Images



Western blot analysis of lysate from rat brain tissue lysate, using SV2C Antibody (C-term)(Cat. #AP20824c). AP20824c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35ug.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.