

SV2C Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51544

Product Information

Application	WB
Primary Accession	Q496J9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	82342

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
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

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).

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