

Anti-SV2C Antibody

Catalog # AP51544

Product Information

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

Additional Information

Gene ID	22987
Other Names	KIAA1054; Synaptic vesicle glycoprotein 2C
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SV2C. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

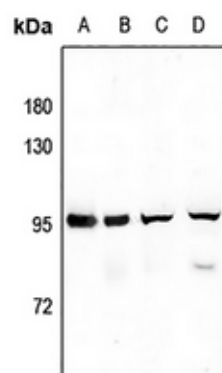
Protein Information

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}

References

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

Images



Western blot analysis of SV2C expression in HeLa (A), mouse testis (B), MEF (C), PC12 (D) whole cell lysates. (Predicted band size: 82 kD; Observed band size: 95 kD)

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