



SV2B rabbit pAb

Cat No.:ES10329

For research use only

Overview

Product Name	SV2B rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein.AA range 1-50
Specificity	SV2B Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Synaptic vesicle glycoprotein 2B
Gene Name	SV2B KIAA0735
Cellular localization	Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Multi-pass membrane protein . Cytoplasmic vesicle, secretory vesicle, acrosome . Associated with synaptic-like microvesicles but not with insulin-containing vesicles in insulin-secreting cells of the pancreas (By similarity). Localizes to microvesicles in the pinealocytes. Localizes to the acrosome in spermatids (By similarity). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	75kD
Human Gene ID	9899
Human Swiss-Prot Number	Q7L1I2
Alternative Names	
Background	This gene encodes a member of the synaptic vesicle proteins 2 (SV2) family and major facilitator





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superfamily of proteins. This protein and other members of the family are localized to synaptic vesicles and may function in the regulation of vesicle trafficking and exocytosis. Studies in mice suggest that the encoded protein may act as a protein receptor for botulinum neurotoxin E in neurons, and that this protein may be important for the integrity of the glomerular filtration barrier. This gene shows reduced expression in areas of synaptic loss in the hippocampus of human temporal lobe epilepsy patients. [provided by RefSeq, Sep 2016],



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