



SV2A Polyclonal Antibody

Catalog No	BYab-22466
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	SV2A KIAA0736 PSEC0174
Protein Name	Synaptic vesicle glycoprotein 2A
Immunogen	Synthesized peptide derived from part region of human protein. AA range 30-80
Specificity	SV2A Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	81kD
Cell Pathway	Cell junction, synapse, presynapse . Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Multi-pass membrane protein . Enriched in chromaffin granules, not present in adrenal microsomes. Associated with both insulin granules and synaptic-like microvesicles in insulin-secreting cells of the pancreas (By similarity). Colocalizes with ATP2B1 at photoreceptor synaptic terminals. .
Tissue Specificity	Brain,Brain cortex,Ovary,Retina,Teratocarcinoma,
Function	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.,miscellaneous:Identified as the brain binding-site for the antiepileptic drug levetiracetam/lev.,PTM:N-glycosylated.,PTM:Phosphorylation by CK1 of the N-terminal cytoplasmic domain regulates interaction with SYT1.,similarity:Belongs to the major facilitator superfamily.,subcellular location:Enriched in chromaffin granules, not present in adrenal microsomes. Associated with both insulin

Nanjing BYabscience technology Co.,Ltd



	granules and synaptic-like microvesicles in insulin-secreting cells of the pancreas.,subunit:Interacts with SYT1/synaptotagmin-1 in a calcium-dependent manner. Binds the adapter protein complex AP-2.,
Background	The protein encoded by this gene is one of three related synaptic vesicle proteins. The encoded protein may interact with synaptotagmin to enhance low frequency neurotransmission in quiescent neurons. [provided by RefSeq, Jun 2016],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658