

**ARG64023**  
anti-SV2A antibodyPackage: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes SV2A
Tested Reactivity	Rat
Predict Reactivity	Hu, Ms, Cow, Dog, Pig
Tested Application	FACS, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	SV2A
Species	Human
Immunogen	C-TVELYPSDKRRTA
Conjugation	Un-conjugated
Alternate Names	Synaptic vesicle glycoprotein 2A; SV2

### Application Instructions

Application table	Application	Dilution
	FACS	10 µg/ml
	WB	0.3 - 1 µg/ml

**Application Note** WB: Recommend incubate at RT for 1h.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links	<a href="#">GeneID: 117559 Rat</a> <a href="#">Swiss-port # Q02563 Rat</a>
Gene Symbol	SV2A
Gene Full Name	synaptic vesicle glycoprotein 2A
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 (By similarity). [UniProt]
Research Area	Neuroscience antibody
Calculated Mw	83 kDa
PTM	Phosphorylation by CK1 of the N-terminal cytoplasmic domain regulates interaction with SYT1. N-glycosylated.

## Images



ARG64023 anti-SV2A antibody WB image

Western blot: 35 µg of Rat brain lysate (in RIPA buffer) with (B) and without (A) blocking peptide. The blots were stained with ARG64023 anti-SV2A antibody at 0.3 µg/ml dilution and incubated at RT for 1 hour.