

Product datasheet

info@arigobio.com

ARG64023 anti-SV2A antibody

Package: 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-TVELYPSDKRTTA

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.

Bioinformation

Database links <u>GeneID: 117559 Rat</u>

Swiss-port # Q02563 Rat

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]

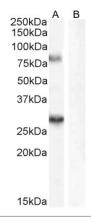
Research Area Neuroscience antibody

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 $\mu g/ml$ dilution and incubated at RT for 1 hour.