

**ARG44747**  
anti-SV2A antibodyPackage: 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody recognizes SV2A
Tested Reactivity	Hu, Rat
Tested Application	ELISA, IHC-P, IP
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Target Name	SV2A
Species	Human
Conjugation	Un-conjugated
Alternate Names	Synaptic vesicle glycoprotein 2A; SV2

### Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	IHC-P	5-10 µg/mL
	IP	10 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
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.

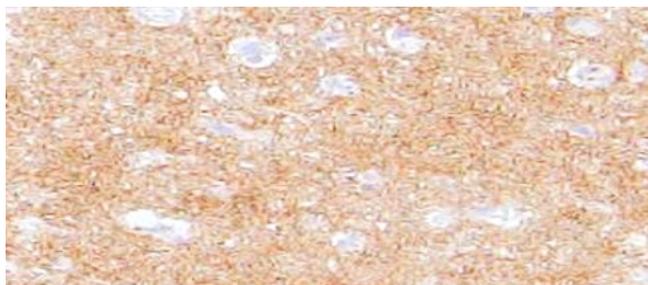
### Bioinformation

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]
Calculated Mw	41 kDa
PTM	N-glycosylation enhances cell surface expression and lengthens receptor half-life by preventing degradation in the ER.

## Images

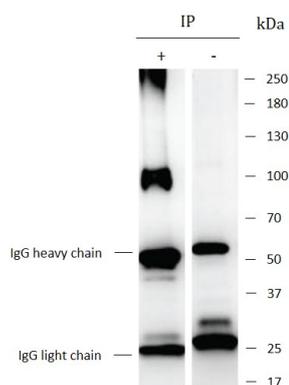
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ARG44747 anti-SV2A antibody IHC-P image

Immunohistochemistry: Human cerebral cortex stained with ARG44747 anti-SV2A antibody at 5  $\mu$ g/mL dilution.

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ARG44747 anti-SV2A antibody IP image

Immunoprecipitation: Rat brain lysate immunoprecipitated with 2.5  $\mu$ g of ARG44747 anti-SV2A antibody.

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