

SV2A antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12747**Specification**

SV2A antibody - middle region - Product Information

Application	WB
Primary Accession	Q7LQJ3
Other Accession	NM_014849 , NP_055664
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Chicken, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	83kDa KDa

SV2A antibody - middle region - Additional Information**Gene ID** 9900**Alias Symbol** KIAA0736, SV2
Other Names
Synaptic vesicle glycoprotein 2A, SV2A, KIAA0736**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-SV2A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

SV2A antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SV2A antibody - middle region - Protein Information**Name** SV2A**Synonyms** KIAA0736**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).

Cellular Location

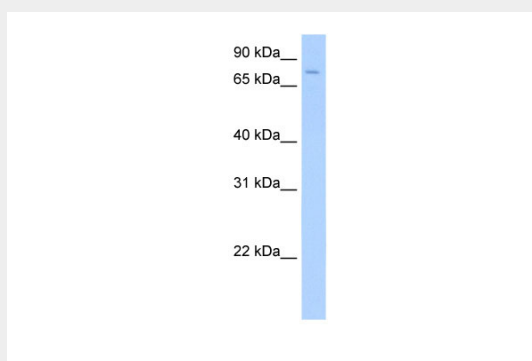
Presynapse {ECO:0000250|UniProtKB:Q9JIS5}. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane {ECO:0000250|UniProtKB:Q02563}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q02563}. Note=Enriched in chromaffin granules, not present in adrenal microsomes. Associated with both insulin granules and synaptic-like microvesicles in insulin-secreting cells of the pancreas (By similarity). Colocalizes with ATP2B1 at photoreceptor synaptic terminals. {ECO:0000250|UniProtKB:Q02563, ECO:0000250|UniProtKB:Q9JIS5}

SV2A antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SV2A antibody - middle region - Images



WB Suggested Anti-SV2A Antibody Titration: 0.2-1 µg/ml
Positive Control: Human brain