Datasheet for ABIN739820

# anti-SV2A antibody (AA 451-550) (Cy5.5)

Go to Product page

## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | SV2A |
| Binding Specificity: | AA 451-550 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SV2A antibody is conjugated to Cy5.5 |
| Application: | Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

| | |
|---|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human SV2A |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit |
| Purification: | Purified by Protein A. |

## Target Details

| | |
|---|---|
| Target: | SV2A |
| Alternative Name: | SV2A (SV2A Products) |
| Background: | Synonyms: SV2, Synaptic vesicle glycoprotein 2A, SV2A, KIAA0736, PSEC0174 |

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## Target Details

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|---|---|
| | Background: 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). |
| Gene ID: | 9900 |
| UniProt: | Q7L0J3 |

## Application Details

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|---|---|
| Application Notes: | FCM 1:20-100<br>IF(IHC-P) 1:50-200 |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |

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