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## SV2A (N) Antibody, Rabbit Polyclonal

**Cat#: R3004-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 83 | 90 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q9JIS5**

### **Background:**

Synaptic vesicle glycoprotein 2A (SV2A) is a multi-pass membrane protein belonging to the synaptic vesicle proteins 2 (SV2) family. This protein and other members of the family are localized to synaptic vesicles and may function in the regulation of vesicle trafficking and exocytosis.

### **Other Names:**

Synaptic vesicle glycoprotein 2A, KIAA0736

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of mouse SV2A. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

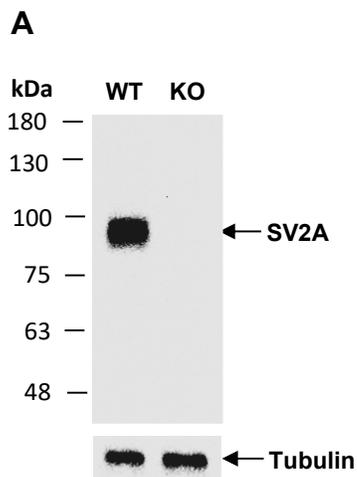
Human, Mouse

### **Tested Applications:**

WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Product Data:**



**Fig 1.** Western blot analysis of equal amounts of protein extracts from wild type (WT) and Sv2A knockout (KO) mouse brains, using anti-SV2A(N) (R3004-1) (top panel) or re-probed with anti-Tubulin (M0267-1b) (lower panel) at RT for 2 hr.