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SV2A (N1) Antibody, Mouse Monoclonal

Cat#: M3004-1

Quantity: 100ug

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

Isotype: Mouse IgG1

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9JIS5

Clone: 4B5

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:

Mouse monoclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of mouse SV2A. Antibodies were purified by Caprylic Acid-Ammonium Sulfate precipitation.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 40% Glycerol, 0.02% Thimerosal. 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:

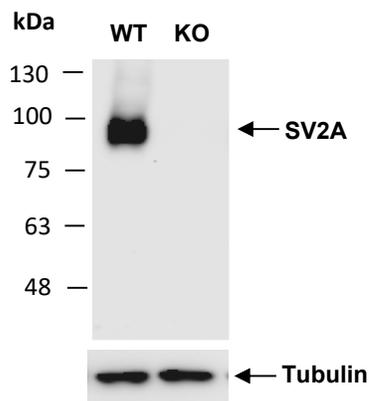


Fig 1. Western blot analysis of equal amounts of protein extracts from wild type (WT) and Sv2A knockout (KO) mouse brains, using anti-SV2A(N1) (M3004-1) (top panel) or re-probed with anti-Tubulin (M0267-1b) (lower panel) at RT for 2 hr.