

A16269

Leader in Biomolecular Solutions for Life Science



SV2B Rabbit pAb

Catalog No.: A16269

Basic Information

Observed MW

Refer to figures

Calculated MW

77kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a member of the synaptic vesicle proteins 2 (SV2) family and major facilitator superfamily of proteins. This protein and other members of the family are localized to synaptic vesicles and may function in the regulation of vesicle trafficking and exocytosis. Studies in mice suggest that the encoded protein may act as a protein receptor for botulinum neurotoxin E in neurons, and that this protein may be important for the integrity of the glomerular filtration barrier. This gene shows reduced expression in areas of synaptic loss in the hippocampus of human temporal lobe epilepsy patients.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

9899

Swiss Prot

Q7L1I2

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 415-540 of human SV2B (NP_055663.1).

Synonyms

SLC22B2; HsT19680; SV2B

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.