
Synaptobrevin Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253220

Unit: 0.1 ml

Description:

Synaptobrevin (VAMP) is an integral membrane protein of synaptic vesicles that plays a major role in the formation of larger SNARE complexes, along with SNAP-25 and syntaxin. Synaptobrevin has been shown to be essential for two fast synapse-specific membrane trafficking processes: fast exocytosis for neurotransmitter release and fast endocytosis that mediates rapid recycling of synaptic vesicles. Decreased levels of synaptobrevin in human hippocampus and cortex have been correlated with cognitive defects in Alzheimer's disease.

Isotype: Mouse IgM

Applications: E, WB, IHC

Species Reactivity: B, H, M, P, Hm, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of HEPES (pH7.5), 0.01% BSA, with 50% glycerol. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Vesicle-associated membrane protein 1; VAMP-1; Synaptobrevin-1; VAMP1; SYB1

Accession No.: P23763

Antigen: Synaptic immunoprecipitate (crude) from human brain.

Application Notes: E: 1:500-1:1,000; WB: 1:1,000; IHC: 1:100

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.