
Syntaxin Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253224

Unit: 0.1 ml

Description:

Syntaxins are a family of proteins involved in the docking of synaptic vesicles with the plasma membrane. Syntaxin, along with synaptobrevin and SNAP-25, forms the SNARE complex which mediates synaptic vesicle fusion and exocytosis.

Binding of Munc18-1 to the N-terminus of syntaxin 1 has been demonstrated to be essential for exocytic membrane fusion. Decreased levels of phosphorylated syntaxin 1 in the prefrontal cortex have been correlated with schizophrenia.

Isotype: Mouse IgG1

Applications: E, WB, IHC

Species Reactivity: H, R, P, Hs

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: Syntaxin-1A; Neuron-specific antigen HPC-1; STX1A; STX1

Accession No.: Q16623

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.