

Synaptophysin Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251798

Unit: 0.1 mg

Description:

SYP (Synaptophysin) is a 38kDa synaptic vesicle glycoprotein with four transmembrane domains. Synaptophysin is present in neuroendocrine cells and in virtually all neurons in the brain and spinal cord that participate in synaptic transmission. Synaptophysin is a marker for neuroendocrine tumors, and its ubiquity at the synapse has led to the use of synaptophysin immunostaining for quantification of synapses.

Isotype: Mouse IgG1

Applications: E, WB, IHC

Species Reactivity: R

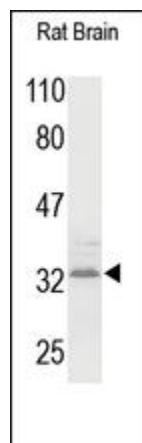
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Synaptophysin; Major synaptic vesicle protein p38; p38; SYP

Accession No.: P08247

Antigen: Rat retina synaptosome.

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



The Synaptophysin Antibody is used in Western blot to detect synaptophysin in rat brain.

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.