

Product datasheet

Anti-SYP/Synaptophysin Antibody (monoclonal,3G12)

Catalog Number: M05049-3



BOSTER BIOLOGICAL TECHNOLOGY

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Basic Information

Product Name	Anti-SYP/Synaptophysin Antibody (monoclonal,3G12)
Gene Name	SYP
Source	Mouse IgG2b
Species Reactivity	human,mouse,rat
Tested Application	WB
Contents	Each vial contains 4mg Trehalose,0.9mg NaCl,0.2mg Na ₂ HPO ₄ ,0.05mg Na ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Synaptophysin(1-26aa MLLADMDVVNQLVAGGQFRVVKEPL),identical to the related mouse and rat sequences.
Purification	Immunogen affinity purified.
Observed MW	
Dilution Ratios	Western blot: 1:500-2000

Storage

12 months from date of receipt , -20 as supplied.6 months 2 to 8 after reconstitution.

Avoid repeated freezing and thawing

Background Information

SYP(Synaptophysin) is located on the short arm of X chromosome (Xp11.23-p11.22). The protein is a synaptic vesicle glycoprotein with four transmembrane domains weighing 38kDa. It is present in neuroendocrine cells and in virtually all neurons in the brain and spinal cord that participate in synaptic transmission. It acts as a marker for neuroendocrine tumors, and its ubiquity at the synapse has led to the use of synaptophysin immunostaining for quantification of synapses. Also, the protein binds cholesterol and is thought to direct targeting of vesicle-associated membrane protein 2 (synaptobrevin) to intracellular compartments. Mutations in this gene are associated with X-linked mental retardation (XLMR).

Reference

Anti-SYP/Synaptophysin Antibody (monoclonal,3G12)被引用在0文献中。

暂无引用

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Selected Validation Data
