Mouse Anti-Human Synaptophysin Monoclonal Antibody

Cat. No. CPB-922MH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	Mouse
Specificity	Human synaptophysin
Clonality	Monoclonal
Positive Control	Neuroendocrine tumor
Staining Pattern	Cytoplasm
Specificity Note	Synaptophysin is a calcium-binding and integral membrane glycoprotein present in presynaptic vesicles in almost all neurons. Synaptophysin has four transmembrane domains and it forms a complex with dynamin at high calcium concentrations suggesting an involvement in synaptic vesicle endocytosis.
Applications	Formalin-fixed paraffin-embedded tissue, or IHC frozen sections. No antigen retrieval necessary.
Recommended Usage	IHC test, research use only.Incubate with samples at RT for 60min or at 4℃ overnight.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	2-8℃ for 12 months.
Unit	Can be packed on the basis of your request.

GENE INFORMATION

Gene Name	SYP synaptophysin [Homo sapiens]
Synonyms	SYP;synaptophysin; Major synaptic vesicle protein p38; OTTHUMP00000216753; MRXSYP; OTTHUMP00000216756; MRX
Gene ID	6855
mRNA Refseq	NM_003179.2
Protein Refseq	NP_003170.1
MIM	313475
UniProt ID	P08247
Function	SH2 domain binding;calcium ion binding;cholesterol binding;identical protein binding;protein complex binding;syntaxin-1 binding;transporter activity

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA