BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Synaptophysin Syp Antibody (Monoclonal, 36S01)

Catalog Number: M05049-6

About Syp

Synaptophysin (SYP) is an integral membrane protein of small synaptic vesicles in brain and endocrine cells. Ozcelik et al. (1990) concluded that the gene has 7 exons distributed over about 20 kb. SYP mapped the SYP locus to Xp11.23-p11.22. Regionalization of the gene on the X chromosome was also done with hamster/human hybrid cells in which various portions of the human X chromosome were present.

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Overview

Product Name	Anti-Synaptophysin Syp Antibody (Monoclonal, 36S01)
Reactive Species	Human, Rat
Description	Boster Bio Anti-Synaptophysin Syp Antibody (Monoclonal, 36S01) catalog # M05049-6. Tested in IHC, WB applications. This antibody reacts with Human, Rat.
Application	IHC, WB
Clonality	Monoclonal 36S01
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P07825

Technical Details

Immunogen	Rat retina synaptosome.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P) and IHC(F).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1

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Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 1-2ug/ml, Human, rat Immunohistochemistry (Frozen Section), 1-2ug/ml, Human, rat, - Western blot, 0.5-1ug/ml, Human, rat

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For Research Use Only. Not for use in diagnostic procedures.