



E8M0407-30

Synaptophysin Antibody

Catalog Number: E8M0407-30

Amount: 100ul,0.31mg/ml

Description: Synaptophysin is a 38 kDa glycoprotein present in the membrane of neuronal presynaptic vesicles in brain, spinal cord, retina, vesicles of adrenal medulla, neuromuscular junctions, and endocrine cells. It is also expressed by neuroendocrine cells throughout the body, both normal and neoplastic. Synaptophysin is a useful marker for the identification of normal neuroendocrine cells and neuroendocrine neoplasms.

Clone No: A1-7

Positive control: Mouse brain

Cellular Localization: Cytoplasmic vesicle

Swiss-Prot No.: Q62277

Project ID: PK008

Molecular Wt: 42kDa

Form of Antibody: Mouse monoclonal IgG1 in 1*TBS (pH7.4), 0.5%BSA, 25%Glycerol. Preservative: 0.05% Sodium Azide.

Storage/Stability: Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Specificity/Sensitivity: This antibody is produced by immunizing mouse with a synthetic peptide (KLH-coupled) corresponding to near TOPO-MOD residues of synaptophysin.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:1,000

References: 1. Genome Res. 14:2121-2127(2004).

2. Nucleic Acids Res. 15:9607-9607(1987).

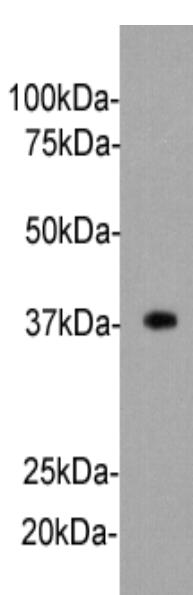


Fig: Western blot analysis on mouse brain lysates using anti-synaptophysin monoclonal antibody.