

SYT3 RABBIT PAB

货号: S216806

产品全名: SYT3 兔多抗

基因符号 SytIII

UNIPROT ID: Q9BQG1 (Gene Accession - BC031067)

背景: Synaptotagmins are a large gene family of synaptic vesicle type III integral membrane proteins that function as regulators of both exocytosis and endocytosis and are involved in neurotransmitter secretion from small secretory vesicles. Calcium binds to Synaptotagmin I which triggers neurotransmitter release at the synapse. Synaptotagmin II is phosphorylated by WNK1 in a process that regulates calcium-dependent interactions. Synaptotagmin III is involved in calcium-dependent exocytosis of secretory vesicles in endocrine cells and neurons. Synaptotagmin IV is expressed in neuronal tissues, and has the highest mRNA levels in the hippocampus. The proximity of the Synaptotagmin IV gene to markers of several psychiatric disorders suggest an involvement of synaptotagmin IV in human disease. Synaptotagmin V is a dense-core vesicle-specific protein that regulates a specific type of calcium-regulated secretion. Synaptotagmin VI interacts with adaptor protein-2 in a calcium-independent manner. Synaptotagmin VII is widely expressed in non-neuronal tissues.

抗原: Fusion protein of human SYT3

经过测试的应用: ELISA, IHC

推荐稀释比: IHC: 50-200; ELISA: 2000-5000

种属反应性: Rabbit

克隆性: Rabbit Polyclonal

亚型: Immunogen-specific rabbit IgG

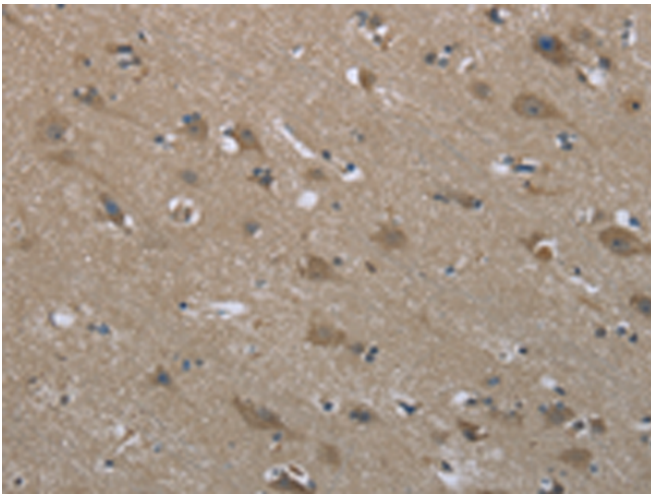
纯化: Antigen affinity purification

种属反应性: Human, Mouse, Rat

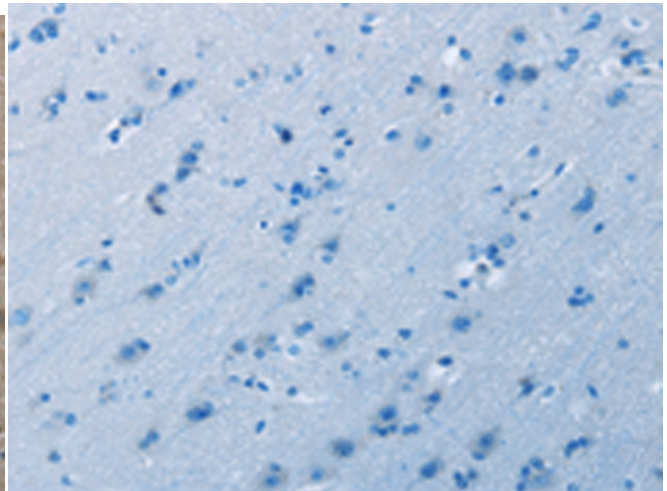
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

研究领域: Cancer, Metabolism, Neuroscience

储存和运输: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human brain tissue using 216806(SYT3 Antibody) at a dilution of 1/50(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the fusion protein and then with 216806(Anti-SYT3 Antibody) at dilution 1/50.