

兔抗 SYT3 多克隆抗体

中文名称：兔抗 SYT3 多克隆抗体

英文名称： Anti-SYT3 rabbit polyclonal antibody

别名： SytIII

抗原： SYT3

储存： 冷冻（-20℃）

宿主： Rabbit

相关类别： 一抗

反应种属： Human, Mouse, Rat

标记物： Unconjugate

克隆类型： rabbit polyclonal

技术规格

Background:

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

	A 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 adaptin-2 in a calcium-independent manner. Synaptotagmin VII is widely expressed in non-neuronal tissues.
Applications:	ELISA, IHC
Name of antibody:	SYT3
Immunogen:	Fusion protein of human SYT3
Full name:	synaptotagmin III
Synonyms :	SytIII
SwissProt:	Q9BQG1
ELISA Recommended dilution:	1000-2000
IHC positive control:	Human ovarian cancer and human cervical cancer
IHC Recommend dilution:	50-100

