

兔抗 SYT4 多克隆抗体

中文名称：兔抗 SYT4 多克隆抗体

英文名称： Anti-SYT4 rabbit polyclonal antibody

别名： HsT1192

储存： 冷冻（-20℃）

宿主： Rabbit

抗原： SYT4

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 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.
Applications:	ELISA, IHC
Name of antibody:	SYT4
Immunogen:	Fusion protein of human SYT4
Full name:	synaptotagmin IV
Synonyms :	HsT1192
SwissProt:	Q9H2B2
ELISA Recommended dilution:	2000-5000
IHC positive control:	Human tonsil and human thyroid cancer
IHC Recommend dilution:	50-200

