

Product name:	Synaptotagmin XIII Rabbit Polyclonal Antibody
Cat number:	ABN18499
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human SYT13. AA range:321-370
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight:	48kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	synaptotagmin 13(SYT13) Homo sapiens This gene encodes a member of the large synaptotagmin protein family. Family members have an extracellular N-terminal transmembrane domain and a cytoplasmic C terminus with two tandem C2 domains (C2A and C2B). Synaptotagmin family members can form homo- and heteromeric complexes with each other. They also have different biochemical properties and developmental profiles, and patterns of tissue distribution. Synaptotagmins function as membrane traffickers in multicellular organisms. Two alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Oct 2011],domain:The first C2 domain/C2A does not mediate Ca(2+)-dependent phospholipid binding.,domain:The second C2 domain/C2B domain binds phospholipids regardless of whether calcium is present.,function:May be involved in transport vesicle docking to the plasma membrane.,similarity:Belongs to the synaptotagmin family.,similarity:Contains 2 C2 domains.,subunit:Interacts with NRXN1.,tissue specificity:Expressed in brain, pancreas and kidney.,