

SYT9 rabbit pAb**Cat#: orb773214 (Manual)**

For research use only. Not intended for diagnostic use.

Product Name	SYT9 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SYT9 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Synaptotagmin-9 (Synaptotagmin IX) (SytIX)
Gene Name	SYT9
Cellular localization	Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Single-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration 1 mg/ml

Observed band 54kD

Human Gene ID 143425

Human Swiss-Prot Number Q86SS6

Alternative Names

Background

cofactor: Binds 3 calcium ions per subunit. The ions are bound to the C2 domains.,function: May be involved in Ca^{2+} -dependent exocytosis of secretory vesicles through Ca^{2+} and phospholipid binding to the C2 domain or may serve as Ca^{2+} sensors in the process of vesicular trafficking and exocytosis.,similarity: Belongs to the synaptotagmin family.,similarity: Contains 1 C2 domain.,similarity: Contains 2 C2 domains.,