SYT9 Polyclonal Antibody

Catalog No	YP-Ab-06263
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	SYT9
Protein Name	Synaptotagmin-9 (Synaptotagmin IX) (SytIX)
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.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	54kD
Cell Pathway	Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Single-pass membrane protein .
Tissue Specificity	Brain,Testis,
Function	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.,
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.,
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images