



SYT3 Polyclonal Antibody

Catalog No	YP-Ab-06258
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	SYT3
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SYT3 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	Synaptotagmin 3;synaptotagmin III;Synaptotagmin-3;SYT3;SytIII;Synaptotagmin-3 (Synaptotagmin III) (SytIII)
Observed Band	63 kDa
Calculated Molecular Weight	590 aa, 63 kDa
Cell Pathway	Cell membrane ; Single-pass membrane protein . Cytoplasmic vesicle, secretory vesicle membrane ; Single-pass membrane protein .
Tissue Specificity	Expressed in melanocytes (PubMed:23999003).
Function	cofactor: Binds 3 calcium ions per subunit. The ions are bound to the C2 domains.,domain: The first C2 domain mediates Ca(2+)-dependent phospholipid binding.,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 2 C2 domains.,subunit: Homodimer. Can also form heterodimers.,
Background	cofactor: Binds 3 calcium ions per subunit. The ions are bound to the C2 domains.,domain: The first C2 domain mediates Ca(2+)-dependent phospholipid binding.,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 2 C2 domains., subunit:Homodimer. Can also form heterodimers.,

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