SYT3 Monoclonal Antibody

Catalog No	BYmab-06258
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	SYT3
Protein Name	Synaptotagmin-3 (Synaptotagmin III) (SytIII)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SYT3 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	64kD
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.

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