

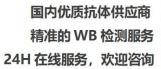


SYT3 Monoclonal Antibody

| Catalog No Isotype Reactivity Applications Gene Name Protein Name Immunogen | BYmab-06258 IgG Human;Rat;Mouse WB SYT3 Synaptotagmin-3 (Synaptotagmin III) (SytIII) |
|---|---|
| Reactivity Applications Gene Name Protein Name | Human;Rat;Mouse WB SYT3 |
| Applications Gene Name Protein Name | WB SYT3 |
| Gene Name Protein 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 |

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|---|
| Avoid repeated freezing and thawing! |
| This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |
| |

Products Images

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网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658