



# SYT3 rabbit pAb

Cat No.:ES10334

For research use only

## Overview

<b>Product Name</b>	SYT3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	SYT3 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Synaptotagmin-3 (Synaptotagmin III) (SytIII)
<b>Gene Name</b>	SYT3
<b>Cellular localization</b>	Cell membrane ; Single-pass membrane protein . Cytoplasmic vesicle, secretory vesicle membrane ; Single-pass membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	64kD
<b>Human Gene ID</b>	84258
<b>Human Swiss-Prot Number</b>	Q9BQG1
<b>Alternative Names</b>	
<b>Background</b>	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





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process of vesicular trafficking and exocytosis.,similarity:Belongs to the synaptotagmin family.,similarity:Contains 2 C2 domains.,subunit:Homodimer. Can also form heterodimers.,



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