

Datasheet for ABIN635169
anti-Synaptotagmin 3 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	Synaptotagmin 3 (SYT3)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Synaptotagmin 3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	SYT3 antibody was raised using the N terminal of SYT3 corresponding to a region with amino acids VSWKLCWVPWRDKGGSVAVGGGPLRKDLGPGVGLAGLVGGGGHHLAAGLGG
Specificity:	SYT3 antibody was raised against the N terminal of SYT3
Purification:	Affinity purified

Target Details

Target:	Synaptotagmin 3 (SYT3)
Alternative Name:	SYT3 (SYT3 Products)
Background:	SYT3 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.

Target Details

Molecular Weight: 63 kDa (MW of target protein)

Pathways: [Synaptic Vesicle Exocytosis](#)

Application Details

Application Notes: WB: 1 µg/mL

Optimal conditions should be determined by the investigator.

Comment: SYT3 Blocking Peptide, catalog no. 33R-9832, is also available for use as a blocking control in assays to test for specificity of this SYT3 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SYT3 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. SYT3 antibody used at 1 ug/ml to detect target protein.