

Anti-Synaptotagmin-3/SYT3 Antibody

Catalog Number: A12799-2

About SYT3

The synaptotagmins are integral membrane proteins of synaptic vesicles thought to serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis (PMID: 8058779). Synaptotagmin-3 (SYT3) is highly expressed in brain, adipose tissue, and heart (PMID: 30545844). Synaptotagmin-3 is highly enriched in synaptic plasma membranes (PMID: 10373432). It has been reported that synaptotagmin-3 internalizes AMPA receptors to depress synaptic strength and promote forgetting (PMID: 30545844).

Overview

Product Name	Anti-Synaptotagmin-3/SYT3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Synaptotagmin-3/SYT3 Antibody catalog # A12799-2. Tested in WB, IHC, IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9BQG1

Technical Details

Immunogen	E.coli-derived human Synaptotagmin-3/SYT3 recombinant protein (Position: G87-P327).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunofluorescence, 1:50-400 ELISA, 1:100-1000

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