

Anti-Human Synaptotagmin 1 DyLight® 488 conjugated SYT1 Antibody

Catalog Number: A02314-Dyl488

About SYT1

Synaptotagmin-1 is a protein that in humans is encoded by the SYT1 gene. The synaptotagmins are integral membrane proteins of synaptic vesicles thought to serve as Ca (2+) sensors in the process of vesicular trafficking and exocytosis. Calcium binding to synaptotagmin-1 participates in triggering neurotransmitter release at the synapse.

Overview

Product Name	Anti-Human Synaptotagmin 1 DyLight® 488 conjugated SYT1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-Human Synaptotagmin 1 DyLight® 488 conjugated SYT1 Antibody catalog # A02314-Dyl488. Tested in Flow Cytometry applications. This antibody reacts with Human.
Conjugate	DyLight®488
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P21579

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Synaptotagmin 1, identical to the related mouse and rat sequences.
Predicted Reactive Species	Human
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Immunogen affinity purified.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Flow Cytometry, 1-3ug/1x10⁶ cells

Anti-Human Synaptotagmin 1 DyLight® 488 conjugated SYT1 Antibody (A02314-Dyl488) Images



Boster Kit Box

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