

Anti-Na⁺ CP type II beta SCN2B Antibody

Catalog Number: A06842-1

About SCN2B

This antibody is suitable for Cancer, Immunology and Nuclear Signaling research. The ArfGAPs are a family of proteins encoded by 31 genes in humans. The function of the ArfGAPs is to regulate the small G protein Arf, a regulator of membrane traffic and actin cytoskeleton. The ArfGAPs have been found to be key regulators of cellular behaviors that involve coordinated actin and membrane remodeling, including protein secretion and migration. Several ArfGAPs are associated with cancer cell invasion and metastasis, and the Arf pathway has been found to be affected in a number of genetic diseases. Although the importance of the ArfGAPs and the Arf pathway for cellular physiology is well recognized, the molecular basis for the function of these proteins has not been established. Reagents for the studies, especially antibodies specific for particular members of the ArfGAP family that can be used for immunoblotting and immunofluorescence, are not available. ArfGAP3 is one of three ArfGAPs thought to be specifically associated with the Golgi apparatus; however, localization has only been done for ectopically expressed recombinant protein and cellular function is still not established. Indeed, there is a growing controversy about the function of ArfGAP3 together with ArfGAP1 and ArfGAP2. Antibodies suitable for immunoprecipitation, immunoblotting and immunofluorescence would be of great value in addressing the controversy and for discovering the potential role of ArfGAP3 in secretion of proteins, such as growth factors, and trafficking of other proteins to the cell surface, such as growth factor receptors and cell adhesion molecules.

Overview

Product Name	Anti-Na ⁺ CP type II beta SCN2B Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Na ⁺ CP type II beta SCN2B Antibody catalog # A06842-1. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal 3H11
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O60939

Technical Details

Immunogen	This whole rabbit serum was prepared by repeated immunizations with a truncated recombinant sequence of ArfGAP3 fused to GST.
Predicted Reactive Species	Bovine, Canine, Guinea Pig
Isotype	IgG

Form	Liquid
Concentration	70mg/mL by Refractometry
Purification	Immunogen affinity purified
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB, 1:500-1:2000</p>

Anti-Na+ CP type II beta SCN2B Antibody (A06842-1) Images



Western Blot (WB) analysis of specific cells using Na+ CP type IIbeta Polyclonal antibody.

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