

Anti-Phospho-PKC epsilon (S729) PRKCE Antibody

Catalog Number: A01151S729-1

About PRKCE

This protein mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a sodium-selective channel through which Na⁺ ions may pass in accordance with their electrochemical gradient. This sodium channel may be present in both denervated and innervated skeletal muscle.

George A.L. Jr., Ann. Neurol. 31:131-137(1992).

Wang J., Biochem. Biophys. Res. Commun. 182:794-801(1992).

Tsujino A., Proc. Natl. Acad. Sci. U.S.A. 100:7377-7382(2003).

Overview

Product Name	Anti-Phospho-PKC epsilon (S729) PRKCE Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-PKC epsilon (S729) PRKCE Antibody catalog # A01151S729-1. Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
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	Q02156

Technical Details

Immunogen	Synthesized peptide derived from human PKC epsilon around the phosphorylation site of S729.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
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: WB 1:500-1:2000 ELISA 1:10000

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