

Anti-Phospho-PKC Epsilon/PRKCE (T710) Antibody

Catalog Number: P01151

About PRKCE

Protein kinase C epsilon type, also known as PKCE, is an enzyme that in humans is encoded by the PRKCE gene. The protein encoded by this gene is one of the PKC family members. PRKCE is mapped to 2p21. This kinase has been shown to be involved in many different cellular functions, such as apoptosis, cardioprotection from ischemia, heat shock response, as well as insulin exocytosis. It has been found that activation of PRKCE can induce VR1 channel activity at room temperature in the absence of any other agonist. PRKCE gene plays a role in apoptosis signaling pathways in thyroid cells and it has been indicated that a naturally occurring PRKCE mutant that functions as a dominant negative can block cell death triggered by a variety of stimuli. Expression of PRKCE inhibits chemotherapy-induced caspase-3 activation and apoptosis, thereby leading to cell survival.

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Overview

Product Name	Anti-Phospho-PKC Epsilon/PRKCE (T710) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-PKC Epsilon/PRKCE (T710) Antibody catalog # P01151. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	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	Q02156

Technical Details

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Immunogen	A synthesized peptide derived from human PKC around the phosphorylation site of Thr710.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000

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