

Anti-PLCB1 Antibody

Catalog Number: A02817

About PLCB1

Functions as an E3-type small ubiquitin-like modifier (SUMO) ligase, stabilizing the interaction between UBE2I and the substrate, and as a SUMO-tethering factor. Plays a crucial role as a transcriptional coregulation in various cellular pathways, including the STAT pathway and the steroid hormone signaling pathway. Involved in regulating STAT3 signaling via inhibiting STAT3 DNA-binding and suppressing cell growth.

Jiang-Hong Man, Nucleic Acids Res., Nov 2006; 34: 5552 - 5566.

Amir Sonnenblick, Mol. Cell. Biol., Dec 2004; 24: 10584 - 10592.

Jianyin Long, PNAS, Jan 2004; 101: 99.

Hyun Duk Jang, J. Biol. Chem., Jun 2004; 279: 24873 - 24880.

Overview

Product Name	Anti-PLCB1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PLCB1 Antibody catalog # A02817. Tested in WB,IHC applications. This antibody reacts with Human,Mouse,Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
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	Q9NQ66

Technical Details

Immunogen	Synthesized peptide derived from human EP15R protein.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

	specific immunogen and the purity is > 95% (by SDS-PAGE).
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 IHC: 1:50-1:200

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