

Anti-Phospho-PC-PLD1 (S561) Antibody

Catalog Number: A02031S561

About PLD1

Plays a significant role in regulating cell proliferation, survival and death through alternative mRNA splicing. Isoform 5 shows increased cell proliferation and isoform 2 shows decreased. Converts GDP-bound inactive form of RAB3A, RAB3C and RAB3D to the GTP-bound active forms. Component of the TNFRSF1A signaling complex: MADD links TNFRSF1A with MAP kinase activation. Plays an important regulatory role in physiological cell death (TNF-alpha-induced, caspase-mediated apoptosis); isoform 1 is susceptible to inducing apoptosis, isoform 5 is resistant and isoform 3 and isoform 4 have no effect.

Chow V.T.K., DNA Seq. 6:263-273(1996).

Schievella A.R., J. Biol. Chem. 272:12069-12075(1997).

Chow V.T.K., Genome 41:543-552(1998).

Overview

Product Name	Anti-Phospho-PC-PLD1 (S561) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-PC-PLD1 (S561) Antibody catalog # A02031S561. Tested in ELISA, IF, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC
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	Q13393

Technical Details

Immunogen	Synthesized peptide derived from human PC-PLD1 around the phosphorylation site of S561.
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.
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: IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:10000

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