

Anti-Phospho-PI 3-kinase p8 beta (Y464) PIK3R2 Antibody

Catalog Number: A03363Y464

About PIK3R2

Transfers the acyl group from the sn-1 position of phosphatidylcholine to all-trans retinol, producing all-trans retinyl esters. Retinyl esters are storage forms of vitamin A. LRAT plays a critical role in vision. It provides the all-trans retinyl ester substrates for the isomerohydrolase which processes the esters into 11-cis-retinol in the retinal pigment epithelium; due to a membrane-associated alcohol dehydrogenase, 11 cis-retinol is oxidized and converted into 11-cis-retinaldehyde which is the chromophore for rhodopsin and the cone photopigments.

Ruiz A., J. Biol. Chem. 274:3834-3841(1999).

Mondal M.S., Biochemistry 39:5215-5220(2000).

Thompson D.A., Nat. Genet. 28:123-124(2001).

Overview

Product Name	Anti-Phospho-PI 3-kinase p8 beta (Y464) PIK3R2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-PI 3-kinase p8 beta (Y464) PIK3R2 Antibody catalog # A03363Y464. 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	O00459

Technical Details

Immunogen	Synthesized peptide derived from human PI 3-kinase p85beta around the phosphorylation site of Y464.
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	<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> <p>ELISA 1:10000</p>

1 Publications Citing This Product

1. PubMed ID: 33654381, Xu Y,Chen W,Chen Z,Huang M,Yang F,Zhang Y.Mechanism of Action of Xiaoyao San in Treatment of Ischemic Stroke is Related to Anti-Apoptosis and Activation of PI3K/Akt Pathway.Drug Des Devel Ther.2021 Feb 22;15:753-767.doi:10.2147/DDDT.S280217.PMID:33654381;

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