

Anti-PIP5K2B PIP4K2B Antibody

Catalog Number: A09390

About PIP4K2B

PIP5K2B (phosphatidylinositol-4-phosphate 5-kinase, type II, beta) functions in the Pkc1p protein kinase pathway and is required for normal vacuole morphology, cell wall integrity, and actin cytoskeleton organization. Anti-PIP5K2B antibodies are ideal for researchers interested in Cancer research.

Overview

Product Name	Anti-PIP5K2B PIP4K2B Antibody
Reactive Species	Chicken, Human, Mouse, Rat, Primate
Description	Boster Bio Anti-PIP5K2B PIP4K2B Antibody (Catalog # A09390). Tested in WB applications. This antibody reacts with Human, Mouse, Rat, Chicken, Primate.
Application	ELISA, IF, IHC, WB
Clonality	Polyclonal
Formulation	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 50% (v/v) Glycerol
Storage Instructions	Store vial at -20°C prior to opening. Aliquot contents and freeze at -20°C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is six (6) months from date of opening. (Ship on dry ice.)
Host	Rabbit
Uniprot ID	Q8TCG2

Technical Details

Immunogen	PIP5K2B affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to the C-terminus of human PIP5K2B.
Predicted Reactive Species	Chicken, Primate
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid (sterile filtered)
Concentration	0.65 mg/mL by UV absorbance at 280 nm
Purification	Anti-PIP5K2B was affinity purified from monospecific antiserum by immunoaffinity

chromatography. This antibody is specific towards PIP5K2B. A BLAST analysis was used to suggest cross-reactivity with Human, Mouse, Rat, Chicken, and Primate based on 100% sequence homology. Cross-reactivity with PIP5K2B from other sources has not been determined.

Suggested Dilutions

ELISA: 1:20,000 - 1:60,000
IHC: 1:100-1:500
IF Microscopy: 1:100-1:500
WB: 0.2 µg/ml
Anti-PIP5K2B antibody is tested for ELISA and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~54 kDa corresponding to the appropriate cell lysate or extract.

Anti-PIP5K2B PIP4K2B Antibody (A09390) Images



Western Blot of Rabbit Anti-PIP5K2B Antibody. Lane 1: Mouse Brain homogenate samples. Load: 10 μ g per lane. Primary antibody: PIP5K2B antibody at 0.2 μ g/mL for overnight at 4°C. Secondary antibody: IRDye800™ rabbit secondary antibody at 1:40,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 54 kDa for PIP5K2B. Other band(s): None.

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