

Datasheet for ABIN1607895
anti-PIP4K2B antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	PIP4K2B
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Chicken, Primate
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Fluorescence Microscopy (FM)

Product 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. Immunogen Type: Peptide
Cross-Reactivity (Details):	Cross reactivity with PIP5K2B from other sources has not been determined.
Purity:	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.
Endotoxin Level:	Low Endotoxin : No

Target Details

Target:	PIP4K2B
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Target Details

Alternative Name:	PIP5K2B (PIP4K2B Products)
Background:	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. Synonyms: 1-phosphatidylinositol-4-phosphate kinase, 1-phosphatidylinositol-5-phosphate 4-kinase 2-beta, Diphosphoinositide kinase 2-beta, EC 2.7.1, EC 2.7.1.149, phosphatidylinositol-4-phosphate 5-kinase, type II, beta, Phosphatidylinositol-5-phosphate 4-kinase type II beta, phosphatidylinositol-5-phosphate 4-kinase type-2 beta
Gene ID:	55300
NCBI Accession:	NP_060793
UniProt:	Q8TCG2
Pathways:	Inositol Metabolic Process

Application Details

Application Notes:	Anti-PIP5K2B antibody is useful 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. ELISA Dilution: 1:20.000 - 1:60.000 Immunohistochemistry Dilution: 1:100-1:500 IF Microscopy Dilution: 1:100-1:500 Western Blot Dilution: 0.2 µg/mL
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Storage:	4 °C/-20 °C
Storage Comment:	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

Handling

liquid. Dilute only prior to immediate use.

Expiry Date:

Expiration date is six (6) months from date of opening.

Images



Western Blotting

Image 1. Western Blot of Rabbit Anti-PIP5K2B Antibody. Lane 1: Mouse Brain homogenate samples. Load: 10 µg per lane. Primary antibody: PIP5K2B antibody at 0.2µg/mL for overnight at 4°C. Secondary antibody: 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.