

Datasheet for ABIN6243275  
**anti-PIP4K2A antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	PIP4K2A
Binding Specificity:	AA 365-400, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIP4K2A antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This PIP4K2A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 365-400 amino acids from the C-terminal region of human PIP4K2A.
Clone:	RB51766
Isotype:	Ig Fraction
Predicted Reactivity:	Rat, B, H
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	PIP4K2A
Alternative Name:	PIP4K2A ( <a href="#">PIP4K2A Products</a> )

## Target Details

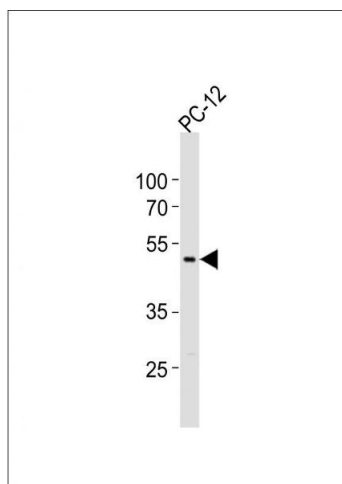
Background:	Catalyzes the phosphorylation of phosphatidylinositol 5- phosphate (PtdIns5P) on the fourth hydroxyl of the myo-inositol ring, to form phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2). May exert its function by regulating the levels of PtdIns5P, which functions in the cytosol by increasing AKT activity and in the nucleus signals through ING2. May regulate the pool of cytosolic PtdIns5P in response to the activation of tyrosine phosphorylation. May negatively regulate insulin- stimulated glucose uptake by lowering the levels of PtdIns5P. May be involved in thrombopoiesis, and the terminal maturation of megakaryocytes and regulation of their size.
Molecular Weight:	46225
UniProt:	<a href="#">P48426</a>
Pathways:	<a href="#">Inositol Metabolic Process</a>

## Application Details

Application Notes:	WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only

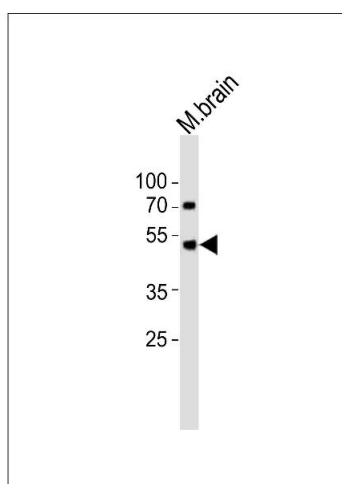
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months



#### Western Blotting

**Image 1.** Anti-PIP4K2A Antibody (C-term) at 1:1000 dilution + PC-12 whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 46 kDa. Blocking/Dilution buffer: 5 % NFDM/TBST.



#### Western Blotting

**Image 2.** Western blot analysis of lysate from mouse brain cell line tissue lysate, using PIP4K2A Antibody (C-term) (ABIN6243275 and ABIN6577795). (ABIN6243275 and ABIN6577795) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 µg.