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# Datasheet for ABIN7307304 anti-PIP4K2B antibody

3 Images

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### Overview

Quantity:	100 μL
Target:	PIP4K2B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIP4K2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

## Product Details

Immunogen:	Recombinant full length protein of human PIP4K2 beta
Specificity:	Recognizes endogenous levels of PIP4K2 beta protein.
Characteristics:	Rabbit polyclonal antibody to PIP4K2 beta
Purification:	The antibody was purified by immunogen affinity chromatography.

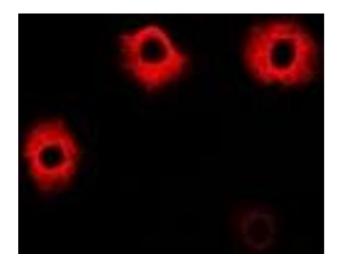
## Target Details

Target:	PIP4K2B
Alternative Name:	PIP4K2 beta (PIP4K2B Products)
Background:	PIP5K2B, Phosphatidylinositol 5-phosphate 4-kinase type-2 beta, 1-phosphatidylinositol 5- phosphate 4-kinase 2-beta, Diphosphoinositide kinase 2-beta, Phosphatidylinositol 5-phosphate
	4-kinase type II beta, PI(5)P 4-kinase type II beta, PIP4KII-beta, PtdIns(5)P-4-kinase isoform 2-

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Target Details	
	beta
Gene ID:	8396, 108083, 89812
UniProt:	P78356, Q80XI4, 088377
Pathways:	Inositol Metabolic Process
Application Details	
Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:100)
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

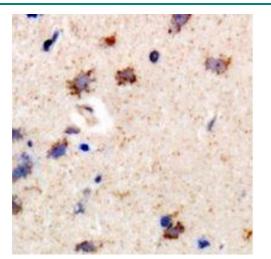
## Images

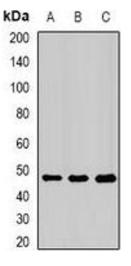


#### Immunofluorescence

**Image 1.** Immunofluorescent analysis of PIP4K2 beta staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary ant

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#### Immunohistochemistry

**Image 2.** Immunohistochemical analysis of PIP4K2 beta staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with t

### Western Blotting

**Image 3.** Western blot analysis of PIP4K2 beta expression in Hela (A), A549 (B), mouse spleen (C) whole cell lysates.

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