

Datasheet for ABIN5596957  
**anti-PI4K2A antibody (N-Term)**



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## Overview

Quantity:	100 µg
Target:	PI4K2A
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PI4K2A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	PI4KII Alpha Antibody
Immunogen:	Immunogen: Anti-PI4KII alpha affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide at the N-terminal of human P4K2A protein. Immunogen Type: Conjugated Peptide
Isotype:	IgG
Cross-Reactivity (Details):	A BLAST analysis was used to suggest cross-reactivity with human, mouse, and rat based on 100 % sequence homology.
Characteristics:	Synonyms: rabbit anti-PI4KII alpha antibody, Phosphatidylinositol 4-kinase type 2-alpha, Phosphatidylinositol 4-kinase type II-alpha, PI4K2A, PIP4K2A
Purification:	Anti-PI4KII alpha was affinity purified from monospecific antiserum by immunoaffinity

## Product Details

chromatography.

Sterility: Sterile filtered

## Target Details

Target: PI4K2A

Alternative Name: PI4K2A ([PI4K2A Products](#))

Background: Background: PI4KII alpha contributes to the overall PI4-kinase activity of the cell. It contributes to the production of InsP3 in stimulated cells. A member of PI3/PI4-kinase family, PI4KII alpha is widely expressed with the highest amount of expression in the kidney, brain, heart, skeletal muscle, and placenta. It is associated with the BLOC-1 and AP-3 complexes. Anti-PI4KII alpha antibody is ideal for investigators interested in Kinase and Phosphatase Antibodies.

UniProt: [Q9BTU6](#)

Pathways: [Inositol Metabolic Process](#), [Synaptic Membrane](#)

## Application Details

Application Notes: Immunohistochemistry Dilution: User Optimized  
Application Note: Anti-PI4KII alpha antibody has been tested by ELISA, and western blot and is useful for Immunohistochemistry. 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.  
Western Blot Dilution: 1 µg/mL  
ELISA Dilution: 1: 10,000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.31 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2  
Stabilizer: 50 % (v/v) Glycerol  
Preservative: None

Preservative: Without preservative

## Handling

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Storage: 4 °C, -20 °C

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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 liquid. Dilute only prior to immediate use.

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Expiry Date: 12 months