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Datasheet for ABIN7465112  
**anti-PI4KA antibody**

### Overview

Quantity:	100 µL
Target:	PI4KA
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PI4KA antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PI4 kinase alpha. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	PI4KA
Alternative Name:	phosphatidylinositol 4-kinase alpha ( <a href="#">PI4KA Products</a> )
Background:	Phosphatidylinositol 4-kinase alpha , PI4K-ALPHA , PIK4CA , PMGYCHA , pi4K230,This gene encodes a phosphatidylinositol (PI) 4-kinase which catalyzes the first committed step in the

## Target Details

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biosynthesis of phosphatidylinositol 4,5-bisphosphate. The mammalian PI 4-kinases have been classified into two types, II and III, based on their molecular mass, and modulation by detergent and adenosine. The protein encoded by this gene is a type III enzyme that is not inhibited by adenosine. Two transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

Molecular Weight: 231 kDa

Gene ID: 5297

UniProt: [P42356](#)

Pathways: [Inositol Metabolic Process](#)

## Application Details

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Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: 293T , A431 , HeLa , HepG2

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.64 mg/mL

Buffer: 1XPBS ( pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.