# antibodies -online.com





# anti-PI4KA antibody (AA 1-300)





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Quantity:	100 μL
Target:	PI4KA
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PI4KA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### **Product Details**

Purpose:	Polyclonal Antibody to Phosphatidylinositol-4-Kinase Catalytic Alpha (PI4Ka)	
Immunogen:	Recombinant Phosphatidylinositol-4-Kinase Catalytic Alpha (PI4Ka) corresdonding to Met1~Trp300 with N-terminal His and GST Tag	
Isotype:	IgG	
Specificity:	The antibody is a rabbit polyclonal antibody raised against PI4Ka. It has been selected for its ability to recognize PI4Ka in immunohistochemical staining and western blotting.	
Cross-Reactivity:	Mouse, Pig, Rat	
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography	

## **Target Details**

Storage:

Expiry Date:

Storage Comment:

Target:	PI4KA
Alternative Name:	Phosphatidylinositol-4-Kinase Catalytic Alpha (PI4KA Products)
Background:	PIK4CA, PI4K-ALPHA, pi4K230
Pathways:	Inositol Metabolic Process

Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL 1:250-1000 Immunohistochemistry: 5-20 μg/mL 1:25-100 Immunocytochemistry: 5-20 μg/mL
Comment:	1:25-100 Optimal working dilutions must be determined by end user.  The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

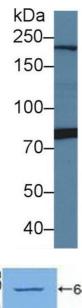
handled by trained staff only.

4 °C,-20 °C

24 months

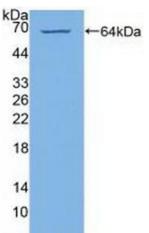
detectable loss of activity. Avoid repeated freeze-thaw cycles.

Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without



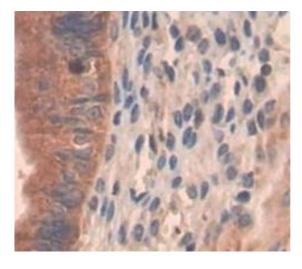
### **Western Blotting**

**Image 1.** Detection of PI4Ka in Rat Cerebrum lysate using Polyclonal Antibody to Phosphatidylinositol-4-Kinase Catalytic Alpha (PI4Ka)



#### **Western Blotting**

Image 2. Detection of Recombinant PI4Ka, Human using Polyclonal Antibody to Phosphatidylinositol-4-Kinase Catalytic Alpha (PI4Ka)



### **Immunohistochemistry**

Image 3. #VALUE!

Please check the product details page for more images. Overall 5 images are available for ABIN7444025.