



PI4KA rabbit pAb

Catalog No	BYab-08581
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	PI4KA PIK4 PIK4CA
Protein Name	PI4KA
Immunogen	Synthesized peptide derived from human PI4KA AA range: 1065-1115
Specificity	This antibody detects endogenous levels of PI4KA at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1: 500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm . Cell membrane . Localization to the plasma membrane is mediated by the PI4K complex and association with EFR3 (EFR3A or EFR3B), TTC7 (TTC7A or TTC7B) and FAM126 (FAM126A or FAM126B) (PubMed:23229899). Localization to the plasma membrane is regulated by TMEM150A (PubMed:25608530). .
Tissue Specificity	Expressed ubiquitously. Highest levels in placenta and brain. Little or no expression in lung, liver, pancreas, testis or leukocytes.
Function	catalytic activity:ATP + 1-phosphatidyl-1D-myo-inositol = ADP + 1-phosphatidyl-1D-myo-inositol 4-phosphate.,enzyme regulation:This is a type II PtdIns-4-kinase activated by detergents such as triton and inhibited by adenosine.,function:Acts on phosphatidylinositol (PtdIns) in the first committed step in the production of the second messenger inositol-1,4,5,-trisphosphate.,similarity:Belongs to the PI3/PI4-kinase family. Type III PI4K subfamily.,similarity:Contains 1 PI3K/PI4K domain.,tissue specificity:Expressed ubiquitously. Highest levels in placenta and brain. Little or

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Background

This gene encodes a phosphatidylinositol (PI) 4-kinase which catalyzes the first committed step in the 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. [provided by RefSeq, Sep 2014],

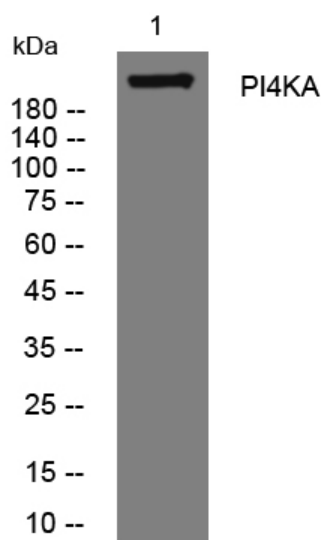
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658