

PIP4K2A antibody

Product Information

Catalog No.:	FNab06461
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Phosphatidylinositol-5, 4-bisphosphate, the precursor to second messengers of the phosphoinositide signal transduction pathways, is thought to be involved in the regulation of secretion, cell proliferation, differentiation, and motility. The protein encoded by this gene is one of a family of enzymes capable of catalyzing the phosphorylation of phosphatidylinositol-5-phosphate on the fourth hydroxyl of the myo-inositol ring to form phosphatidylinositol-5, 4-bisphosphate. The amino acid sequence of this enzyme does not show homology to other kinases, but the recombinant protein does exhibit kinase activity. This gene is a member of the phosphatidylinositol-5-phosphate 4-kinase family.

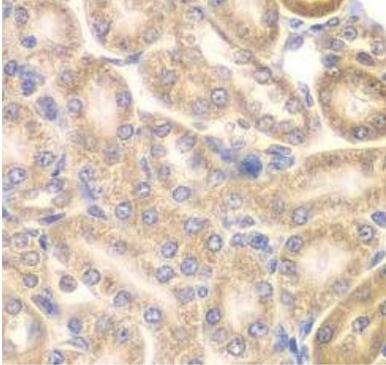
Immunogen information

Immunogen:	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha
Synonyms:	Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha 1-phosphatidylinositol 5-phosphate 4-kinase 2-alpha Diphosphoinositide kinase 2-alpha PIP5KIII Phosphatidylinositol 5-Phosphate 4-Kinase (PI5P4Kalpha) Phosphatidylinositol 5-phosphate 4-kinase type II alpha (PI(5)P 4-kinase type II alpha, PIP4KII-alpha) PtdIns(4)P-5-kinase B isoform PtdIns(4)P-5-kinase C isoform PtdIns(5)P-4-kinase isoform 2-alpha PIP4K2A PI5P4KA PIP5K2 PIP5K2A
Observed MW:	46 kDa
Uniprot ID :	P48426
Application	
Reactivity:	Human, Mouse, Rat

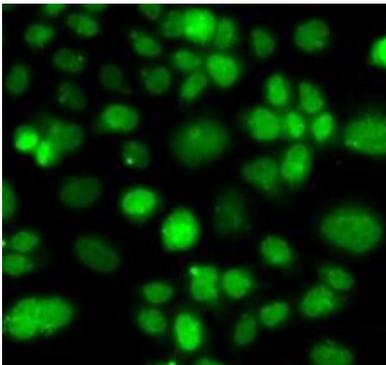
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200

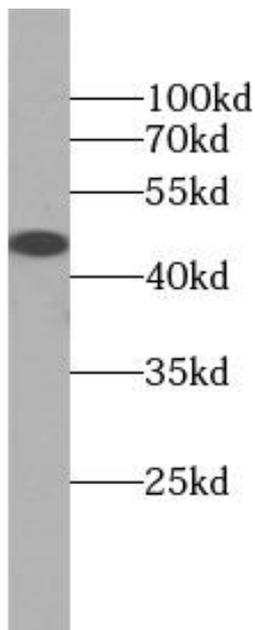
Image:



Immunohistochemistry of paraffin-embedded rat kidney using FNab06461(PIP4K2A antibody) at dilution of 1:50



Immunofluorescence analysis of A549 cells using PIP4K2A antibody (FNab06461)



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab06461(PIP4K2A antibody) at dilution of 1:1000