

DATASHEET

PIP5K1 alpha Rabbit Polyclonal Antibody

CAT. NO. APA13189

KEY FEATURES

Target	PIP5K1 alpha	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

Catalyzes the phosphorylation of phosphatidylinositol 4-phosphate (PtdIns(4)P/PI4P) to form phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P₂/PIP₂), a lipid second messenger that regulates several cellular processes such as signal transduction, vesicle trafficking, actin cytoskeleton dynamics, cell adhesion, and cell motility. P/PI4P) to form phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P₂/PIP₂), a lipid second messenger that regulates several cellular processes such as signal transduction, vesicle trafficking, actin cytoskeleton dynamics, cell adhesion, and cell motility .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

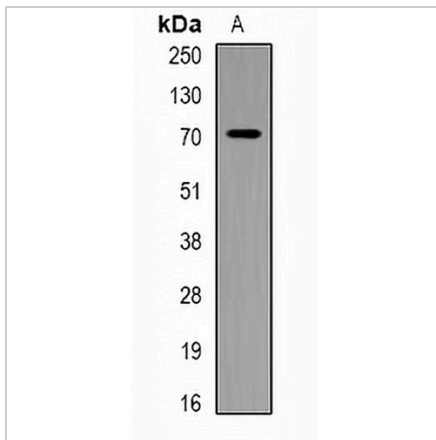
Description	Rabbit polyclonal antibody to PIP5K1 alpha
Specificity	Recognizes endogenous levels of PIP5K1 alpha protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human PIP5K1 alpha
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 62 kD; Observed: 70 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Phosphatidylinositol 4-phosphate 5-kinase type-1 alpha; PIP5K1 -alpha; PtdIns(4)P-5-kinase 1 alpha; 68 kDa type I phosphatidylinositol 4-phosphate 5-kinase alpha; Phosphatidylinositol 4-phosphate 5-kinase type I alpha; PIP5KIalpha
Gene Symbol	PIP5K1A
Entrez Gene	8394(Human)
SwissProt	Q99755(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of PIP5K1 alpha expression in HeLa (A) whole cell lysates. (Predicted band size: 62 kD; Observed band size: 70 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.