

PIP5K1C rabbit monoclonal antibody

Catalog # H00023396-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PIP5K1C peptide using ARM Technology.
Immunogen	A synthetic peptide of human PIP5K1C is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PIP5K1C peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PIP5K1C

Entrez GeneID	23396
GeneBank Accession#	PIP5K1C
Gene Name	PIP5K1C
Gene Alias	KIAA0589, LCCS3, PIP5K-GAMMA, PIP5Kgamma
Gene Description	phosphatidylinositol-4-phosphate 5-kinase, type I, gamma
Omim ID	606102 611369
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the type I phosphatidylinositol-4-phosphate 5-kinase family of enzymes. A similar protein in mice is found in synapses and focal adhesion plaques, and binds the FERM domain of talin through its C-terminus. [provided by RefSeq]
Other Designations	Human homolog of mouse phosphatidylinositol-4-phosphate 5-kinase I-gamma PtdIns(4)P-5-kinase diphosphoinositide kinase phosphatidylinositol-4-phosphate 5-kinase I-gamma type I PIP kinase

Pathway

- [Endocytosis](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Focal adhesion](#)
- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)