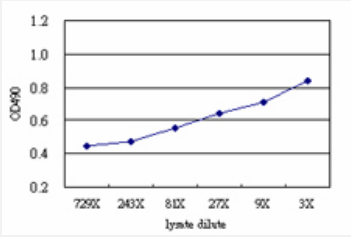
PIP5K1C (Human) Matched Antibody Pair

Catalog # H00023396-AP51 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from approximately 81x to 3x dilution of the PIP5K1C 293T overexpression lysate (non-denatured).

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human PIP5K1C.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (32); Rat (26)
Quality Control Testing	Standard curve using PIP5K1C 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 81x to 3x dilution of the PIP5K1C 2 93T overexpression lysate (non-denatured).
Supplied Product	Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-PIP5K1C (100 ug) 2. Detection antibody: rabbit purified polyclonal anti-PIP5K1C (50 ug) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Transfected lysate)

  Protocol Download

Gene Info — PIP5K1C

Entrez GeneID	23396
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 en zymes. 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-kina se|diphosphoinositide kinase|phosphatidylinositol-4-phosphate 5-kinase I-gamma|type I PIP kina se

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