

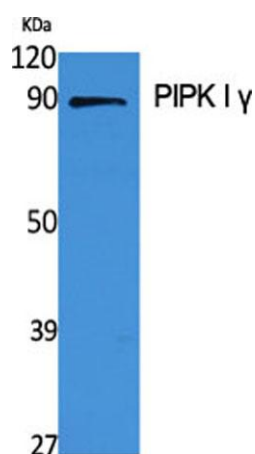
**PIPK I  $\gamma$  rabbit pAb****Cat#: orb766087 (Manual)**

For research use only. Not intended for diagnostic use.

<b>Product Name</b>	PIPK I $\gamma$ rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PIP5K1C. AA range:305-354
<b>Specificity</b>	PIPK I $\gamma$ Polyclonal Antibody detects endogenous levels of PIPK I $\gamma$ protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma
<b>Gene Name</b>	PIP5K1C
<b>Cellular localization</b>	Cell membrane; Peripheral membrane protein; Cytoplasmic side . Endomembrane system . Cytoplasm . Cell junction, focal adhesion . Cell junction, adherens junction . Cell projection, ruffle membrane . Cell projection, phagocytic cup . Cell projection, uropodium . Detected in plasma membrane invaginations. Isoform 3 is detected in intracellular vesicle-like structures.; [Isoform 2]: Cytoplasm. Nucleus.

<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	80kD
<b>Human Gene ID</b>	23396
<b>Human Swiss-Prot Number</b>	O60331
<b>Alternative Names</b>	PIP5K1C; KIAA0589; Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma; PIP5K1-gamma; PtdIns(4)P-5-kinase 1 gamma; Phosphatidylinositol 4-phosphate 5-kinase type I gamma; PIP5KIgamma

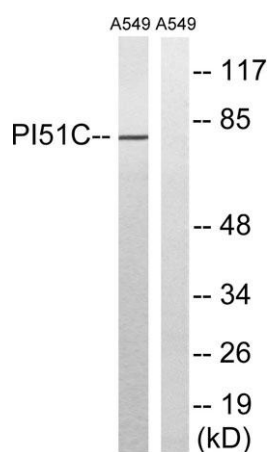
**Background** phosphatidylinositol-4-phosphate 5-kinase type 1 gamma(PIP5K1C) Homo sapiens This locus encodes a type I phosphatidylinositol 4-phosphate 5-kinase. The encoded protein catalyzes phosphorylation of phosphatidylinositol 4-phosphate, producing phosphatidylinositol 4,5-bisphosphate. This enzyme is found at synapses and has been found to play roles in endocytosis and cell migration. Mutations at this locus have been associated with lethal congenital contractural syndrome. Alternatively spliced transcript variants encoding different isoforms have been described.[provided by RefSeq, Sep 2010],



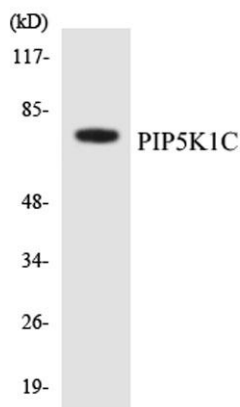
Western Blot analysis of various cells using PIPK I  $\gamma$  Polyclonal Antibody



**Western Blot analysis of A549 cells using PIPK I  $\gamma$  Polyclonal Antibody**



**Western blot analysis of lysates from A549 cells, using PIP5K1C Antibody. The lane on the right is blocked with the synthesized peptide.**



**Western blot analysis of the lysates from HepG2 cells using PIP5K1C antibody.**