

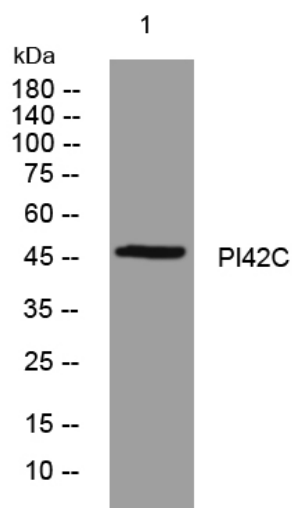


# PI42C rabbit pAb

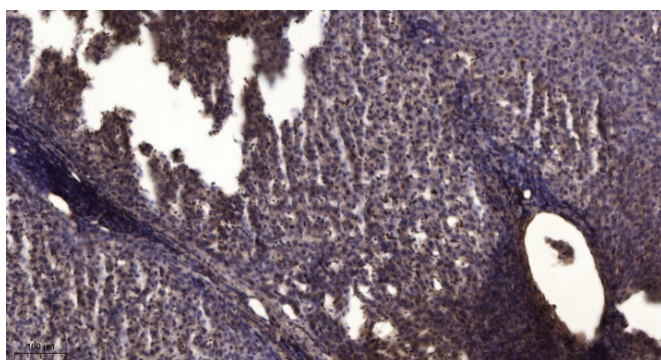
<b>Catalog No</b>	YP-Ab-11899
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse; Rat
<b>Applications</b>	WB; ELISA; IHC
<b>Gene Name</b>	PIP4K2C PIP5K2C
<b>Protein Name</b>	PI42C
<b>Immunogen</b>	Synthesized peptide derived from human PI42C AA range: 262-312
<b>Specificity</b>	This antibody detects endogenous levels of PI42C at Human/Mouse/Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit, IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:500-2000; IHC-p 1:50-300; ELISA 2000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	Endoplasmic reticulum . Cytoplasm .
<b>Tissue Specificity</b>	
<b>Function</b>	catalytic activity: ATP + 1-phosphatidyl-1D-myo-inositol 5-phosphate = ADP + 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate., function: May play an important role in the production of Phosphatidylinositol bisphosphate (PIP2), in the endoplasmic reticulum., PTM: Phosphorylated., similarity: Contains 1 PI5K domain., subcellular location: Mostly found in the cytosol and surrounding plasma membrane. However, its presence in the endoplasmic reticulum seems to be a prerequisite for PIP2 synthesis.,
<b>Background</b>	
<b>matters needing attention</b>	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).