



PI42C rabbit pAb

Catalog No	YP-Ab-11899
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB; ELISA; IHC
Gene Name	PIP4K2C PIP5K2C
Immunogen	Synthesized peptide derived from human PI42C AA range: 262-312
Specificity	This antibody detects endogenous levels of PI42C at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000; IHC-p 1:50-300; ELISA 2000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:2.7.1.149; Phosphatidylinositol 5-phosphate 4-kinase type II gamma; Phosphatidylinositol 5-phosphate 4-kinase type-2 gamma; PI(5)P 4-kinase type II gamma; PIP4KII gamma; PI42C; PIP4K2C PIP5K2C
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Endoplasmic reticulum . Cytoplasm .
Tissue Specificity	
Function	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.,
Background	



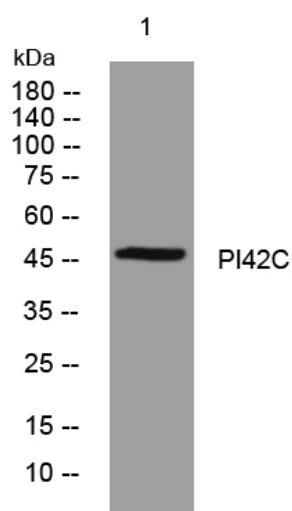
matters needing attention

Avoid repeated freezing and thawing!

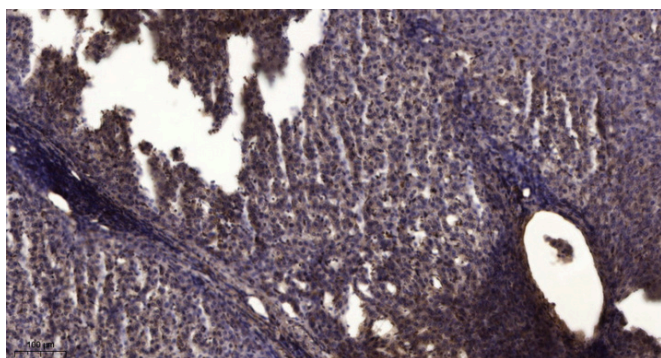
Usage suggestions

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).