

## P3C2B Rabbit pAb

CatalogNo: YN1840

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human

#### Applications

- WB,ELISA

#### MW

- 179kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from part region of human protein

**Specificity** P3C2B Polyclonal Antibody detects endogenous levels of protein.

### Target Information

**Gene name** PIK3C2B

<b>Protein Name</b>	Phosphatidylinositol 4-phosphate 3-kinase C2 domain-containing subunit beta (PI3K-C2-beta) (PtdIns-3-kinase C2 subunit beta) (C2-PI3K) (Phosphoinositide 3-kinase-C2-beta)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">5287</a> ;	<a href="#">O00750</a> ;
<b>Cellular Localization</b>	Microsome . Cell membrane . Cytoplasm, cytosol . Nucleus . Endoplasmic reticulum . Found mostly in the microsome, but also in the plasma membrane and cytosol. Nuclear in testis.		
<b>Tissue specificity</b>	Expressed in columnar and transitional epithelia, mononuclear cells, and ganglion cells (at protein level). Widely expressed, with highest levels in thymus and placenta and lowest in peripheral blood, skeletal muscle and kidney.		
<b>Function</b>	Catalytic activity:ATP + 1-phosphatidyl-1D-myo-inositol 4-phosphate = ADP + 1-phosphatidyl-1D-myo-inositol 3,4-bisphosphate.,Caution:It is uncertain whether Met-1 or Met-26 is the initiator.,cofactor:Calcium, magnesium, or manganese.,enzyme regulation:Activated by GRB2.,Function:Phosphorylates PtdIns and PtdIns4P with a preference for PtdIns. Does not phosphorylate PtdIns(4,5)P2. May be involved in EGF and PDGF signaling cascades.,similarity:Belongs to the PI3/PI4-kinase family.,similarity:Contains 1 C2 domain.,similarity:Contains 1 PI3K/PI4K domain.,similarity:Contains 1 PX (phox homology) domain.,subcellular location:Found mostly in the microsome, but also in the plasma membrane and cytosol. Nuclear in testis.,subunit:Part of a complex with ERBB2 and EGFR. Part of a complex with phosphorylated EGFR and GRB2. Interacts with phosphorylated EGFR and PDGFR, maybe indirectly. Interacts with GRB2 and SHC1.,tissue specificity:Expressed in columnar and transitional epithelia, mononuclear cells, and ganglion cells (at protein level). Widely expressed, with highest levels in thymus and placenta and lowest in peripheral blood, skeletal muscle and kidney.,		

## Validation Data

## Contact information

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Please scan the QR code to access additional product information:  
**P3C2B Rabbit pAb**

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