

Anti-P3C2B antibody



Description	Unconjugated Rabbit polyclonal to P3C2B
Model	STJ191944
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Gene ID	5287
Gene Symbol	PIK3C2B
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	P3C2B Polyclonal Antibody detects endogenous levels of protein.
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.
Purification	P3C2B antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	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
Molecular Weight	179 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:8972OMIM:602838
Alternative Names	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
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.
Cellular Localization	Microsome Cell membrane Cytoplasm, cytosol Nucleus Endoplasmic reticulum. Found mostly in the microsome, but also in the plasma membrane and cytosol. Nuclear in testis.

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