

Anti-P3C2B antibody



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| 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 |

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| 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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