



PDK1 rabbit pAb antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (kD): |
|-----------------------|--|-----------------|---------------|
| A19647 | Rabbit | 1 mg/ml | 60 kD |
| Applications | IHC,ELISA | | |
| Reactivity | Human,Mouse,Rat | | |
| Dilution | IHC: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. | | |
| Storage | -20°C/1 year | | |
| Specificity | Phospho-PDK1 (Y9) Polyclonal Antibody detects endogenous levels of PDK1 protein only when phosphorylated at Y9. | | |
| Source / Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. | | |
| Immunogen | The antiserum was produced against synthesized peptide derived from human PDK1 around the phosphorylation site of Tyr9. AA range:1-50 | | |
| Uniprot No | O15530 | | |
| Alternative names | PDPK1; PDK1; 3-phosphoinositide-dependent protein kinase 1; hPDK1 | | |
| Form | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. | | |
| Clonality | Polyclonal | | |
| Isotype | | | |
| Conjugation | | | |
| Background | catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Phosphorylates and activates not only PKB/AKT, but also PKA, PKC-zeta, RPS6KA1 and RPS6KB1. May play a general role in signaling processes and in development (By similarity). Isoform 3 | | |
| Other | Gene_name: PDPK1 ; Protein_name: 3-phosphoinositide-dependent protein kinase 1; Expression: Brain,Coronary artery,Embryonic kidney,Epithelium,Kidney,My | | |
| Product Images | | | |

Application Key:

W-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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