



## PDK1 (phospho Tyr9) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (kD):
A19646	Rabbit	1 mg/ml	63 kD

Applications	WB,IHC,ELISA
Reactivity	Human,Mouse,Rat
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Storage	-20°C/1 year
Specificity	Phospho-PDK1 (S241) Polyclonal Antibody detects endogenous levels of PDK1 protein only when phosphorylated at S241.
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 Ser241. AA range:210-259
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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**Regulatory Disclaimer**

*For life science research only. Not for use in diagnostic procedures.*

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