

AP0426

Leader in Biomolecular Solutions for Life Science



# Phospho-PDK1/PDPK1-S241 Rabbit pAb

Catalog No.: AP0426

4 Publications

## Basic Information

### Observed MW

58-68kDa

### Calculated MW

63kDa

### Category

Polyclonal Antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

Enables 3-phosphoinositide-dependent protein kinase activity; phospholipase activator activity; and phospholipase binding activity. Involved in several processes, including cell surface receptor signaling pathway; regulation of protein kinase activity; and regulation of signal transduction. Acts upstream of or within intracellular signal transduction. Located in cell projection; cytosol; and plasma membrane. Implicated in prostate cancer. Biomarker of lung non-small cell carcinoma.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IF/ICC** 1:100 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

5170

### Swiss Prot

O15530

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

PDK1; PDPK2; PDPK2P; PRO0461; Phospho-PDK1/PDPK1-S241

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

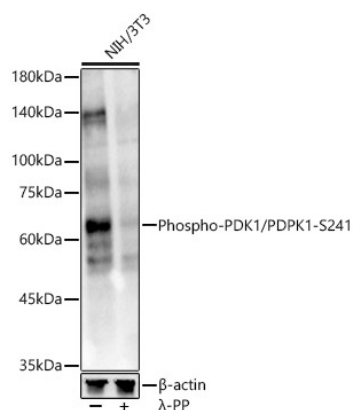
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-PDK1/PDPK1-S241 Rabbit pAb (AP0426) at 1:1000 dilution. NIH/3T3 cells were treated by λ-PP mixed solution (1ul) at 30°C for 30 minutes.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 30s.