

## Phospho-PDPK1 (Ser241) polyclonal antibody

Catalog: BZ16287

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Phosphoinositide-dependent protein kinase 1 (PDK1) plays a central role in many signal transduction pathways including the activation of Akt and the PKC isoenzymes p70 S6 kinase and RSK. Through its effects on these kinases, PDK1 is involved in the regulation of a wide variety of processes, including cell proliferation, differentiation and apoptosis.

### Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

### Molecular Weight:

Calculated MW: 63 kDa; Observed MW: 63 kDa

### Swiss-Prot:

O15530

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 ICC: 1/100-1/200

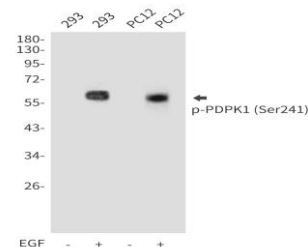
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

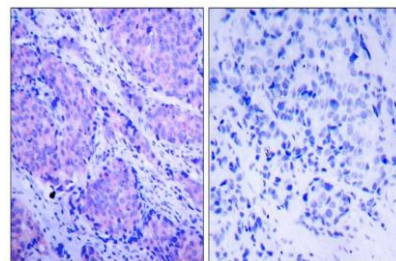
### Isotype:

IgG

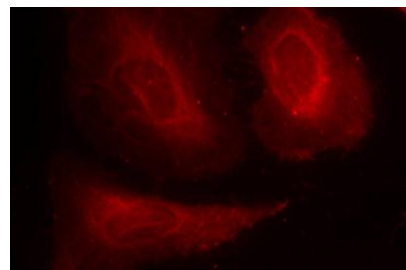
### DATA:



Western blot analysis of Phospho-PDPK1 in 293, PC-12 lysates using Phospho-PDPK1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using PDK1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Immunofluorescence analysis of Phospho-PDPK1 in HeLa cells using PDK1 antibody.

### Note:

For research use only, not for use in diagnostic procedure.

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