

## Phospho-PDK1-S241

**Reactivity:**Human

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**63kDa

**Observed MW:**Refer to figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding S241 of human PDK1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

PDK1; PDPK2; PDPK2P; PRO0461;

**Background:**

Phosphoinositide-dependent kinase 1 (PDPK1, PDK1) is a serine/threonine protein kinase integral to the function of the PI 3-K/Akt signaling pathway. PDK1 and mTORC2 both phosphorylate and activate PKB/Akt, ensuring a cellular response to stimuli such as growth factors and insulin signaling. Akt is the main effector of PDK1.

*To place an order, please [Click HERE](#).*

**Catalog #:**AP0477

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5170

**Isotype:**IgG

**Swiss Prot:**O15530

**Purity:**Affinity purification

For research use only.