

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; PDK2; PDK2P; PRO0461;

Catalog #: AP0477

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5170

Isotype: IgG

Swiss Prot: O15530

Purity: Affinity purification

For research use only.

Background:

Phosphoinositide-dependent kinase 1 (PDK1, 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.

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