

**30-1466: Anti-PDK1 / PDPK1 Polyclonal Antibody(Discontinued)**

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	PDPK1
<b>Gene ID :</b>	5170
<b>Uniprot ID :</b>	O15530
<b>Format :</b>	Purified
<b>Alternative Name :</b>	PDPK1,PDK1
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide corresponding to the amino acids CIQEVWRQRYQSHPDAAVQ of human PDK1

**Description**

PDK1 (3-phosphoinositide-dependent kinase 1), also known as PDPK1, is a key mediator of biological responses downstream of insulin and other tyrosine kinase receptors, regulating cell survival, cell cycle control, protein translation, and glucose metabolism. PDK1, containing a C-terminal pleckstrin homology domain, is activated in a phosphatidyl inositol 3,4,5-trisphosphate-dependent manner and phosphorylates multiple signaling molecules, including PKB/Akt, PKC, p70S6 kinase, serum and glucocorticoid-induced kinase. In T cells, nucleation of TCR-induced signaling complex for NFkappaB activation pathway is another crucial role of PDK1. Subcellular localization of PDK1 depends on conditions and has not been completely understood.

**Product Info**

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

**Application Note**

**Western Blotting** *Recommended dilution:* 2  $\mu$ g/ml