



<b>Swiss-Prot No.:</b>	Q15118
<b>Altername:</b>	PDK1
<b>Immunogen:</b>	Recombinant protein of human PDK1
<b>Purification:</b>	Affinity purified
<b>Reactivity:</b>	Human,Mouse,Rat
<b>Other Names:</b>	PDK1
<b>Gene ID:</b>	5163
<b>Cellular localization:</b>	Mitochondrion
<b>Relevance:</b>	Pyruvate dehydrogenase (PDH) is a mitochondrial multienzyme complex that catalyzes the oxidative decarboxylation of pyruvate and is one of the major enzymes responsible for the regulation of homeostasis of carbohydrate fuels in mammals. The enzymatic activity is regulated by a phosphorylation/dephosphorylation cycle. Phosphorylation of PDH by a specific pyruvate dehydrogenase kinase (PDK) results in inactivation. Multiple alternatively spliced transcript variants have been found for this gene.
<b>Source:</b>	Rabbit
<b>Antibody type:</b>	Polyclonal antibody

<b>Isotype:</b>	Rabbit IgG
<b>Molecular Weight:</b>	49kDa
<b>Entrez summary:</b>	PDK1
<b>Preservative:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Recommended Dilutions:</b>	WB 1:500 - 1:1000