

## PDK1

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**Reactivity:**Human Mouse

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:1000

**Calculated MW:**49kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human PDK1

**Storage Buffer:**

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

**Concentration:**

µg

**Synonym:**

PDK1

**Catalog #:**A0834

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5163

**Isotype:**IgG

**Swiss Prot:**Q15118

**Purity:**Affinity purification

For research use only.

**Background:**

PDK1(pyruvate dehydrogenase kinase isoform 1) is also named as PDHK1 and belongs to the PDK/BCKDK protein kinase family.It inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism(PMID:17683942).Starvation increases islet PDK activity(PMID:11723055).This antibody is specific to PDK1.

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