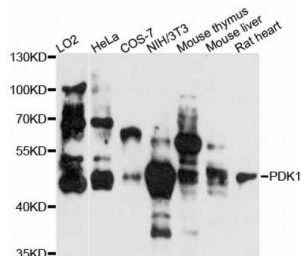


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Pyruvate Dehydrogenase Kinase Isozyme 1 (PDK1) Antibody

Catalogue No.: abx000875



Western blot analysis of extracts of various cell lines, using PDK1 antibody (abx000875) at 1:3000 dilution.

PDK1 Antibody is a Rabbit Polyclonal antibody against PDK1. 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.

Target: PDK1

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB

Recommended dilutions: WB: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human PDK1.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 49 kDa/51 kDa
Observed MW: 49 kDa

Swiss Prot: [Q15118](#)

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GeneID: [5163](#)

Gene Symbol: PDK1

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.