

PDK1 Rabbit Polyclonal Antibody



CAB0834

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

49kDa

Calculated MW:

49kDa/51kDa

Applications:

WB

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:1000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

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.

Immunogen information

Gene ID:

5163

Uniprot

Q15118

Synonyms:

PDK1

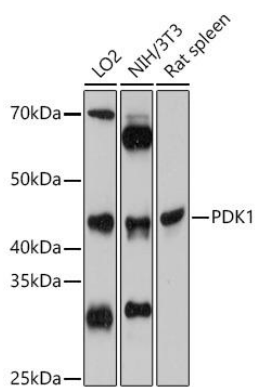
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human PDK1 (NP_002601.1).

Storage:

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

Product Images



Western blot analysis of extracts of various cell lines, using PDK1 antibody (CAB0834) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.