

CAB0834

Product Information

Product SKU:	CAB0834	Gene ID:	5163	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	49kDa	Conjugate:	Unconjugated
Calculated MW:	49kDa	Isotype:	IgG

Immunogen Information

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.

Recommended Dilution: WB,1:500 - 1:1000 IF/ICC,1:50 - 1:200

Synonyms: PDK1; PDK1/PDHK1

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 337-436 of human PDK1/PDHK1 (NP_002601.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.