

Recombinant

DGRmAb®

PDK1 (DGR31435) Rabbit mAb

db13770

Package : 10µL 20µL 50µL 100µL

Product Name : PDK1 (DGR31435) Rabbit mAb**Cat.No.:** db13770**Synonyms** : PDH kinase 1; PDHK1**Application** : WB, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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. [provided by RefSeq, Jun 2013]

Immunogen

A synthetic peptide of human PDK1

Gene ID

5163

Swiss Prot

Q15118

Synonyms

PDH kinase 1; PDHK1

Reactivity

Human,Mouse,Rat

Application

WB, IP

Recommended dilution

WB: 1:1000-1:5000

IP: 1:10-1:100

Calculated MW

49 kDa

Observed MW

49 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR31435

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.