

PDK1 polyclonal antibody

Catalog: BS62449

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Mitochondrial pyruvate dehydrogenase (PDH) catalyzes the oxidative decarboxylation of pyruvate and plays a central role in the regulation of homeostasis of carbohydrate fuels in mammals. PDH activity is controlled by a phosphorylation/dephosphorylation cycle, phosphorylation leading to inactivation and dephosphorylation leading to reactivation of PDH. The phosphorylation of PDH is catalyzed by pyruvate dehydrogenase kinase (PDK), the activity of which is stimulated by the products of PDH catalysis. PDK1 consists of alpha and beta subunits; the kinase activity resides in the alpha subunit. Three PDK isoenzymes have been identified in humans (PDK1, 2 and 3) and two have been identified in rodent (PDK1 and 2).

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

Molecular Weight:

~ 49 kDa

Swiss-Prot:

Q15118

Purification&Purity:

The protein was purified from E.coli and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000

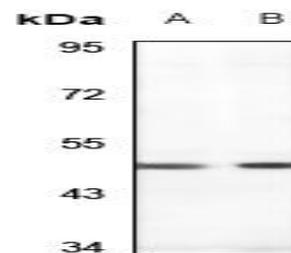
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -25 °C long term. Avoid freeze-thaw cycles.

Specificity:

PDK1 polyclonal antibody detects endogenous levels of PDK1 protein.

DATA:



Western blot (WB) analysis of PDK1 polyclonal antibody at 1:500 dilution

LaneA:H1792 whole cell lysate

LaneB:CT-26 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151