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PDXK (C) Antibody, Rabbit Polyclonal

Cat#: R1603-2

Quantity: 100 ul

Predicted | Observed MW: 35 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: O00764

Background:

Pyridoxal kinase (PDXK) phosphorylates vitamin B6, a step required for the conversion of vitamin B6 to pyridoxal-5-phosphate, an important cofactor in intermediary metabolism. PDXK is cytoplasmic and probably acts as a homodimer. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

Other Names:

Pyridoxal kinase, Pyridoxine kinase, C21orf124, C21orf97, PKH, PNK, PRED79

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human PDXK. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:500-1:2,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

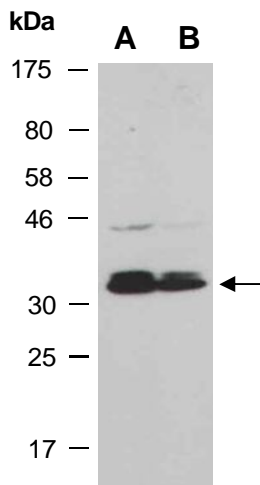


Fig 1. Western blot of total cell extracts from A) human HeLa, B) human Jurkat; using anti-PDXK (C) (R1603-2) at RT for 2 h.