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GLDC (N) Antibody, Rabbit Polyclonal

Cat#: R3152-1

Quantity: 100 ul

Predicted | Observed M.W.: 113 | 130 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P23378

Background:

The glycine cleavage system catalyzes the degradation of glycine. The P protein binds the alpha-amino group of glycine through its pyridoxal phosphate cofactor; CO₂ is released and the remaining methylamine moiety is then transferred to the lipoamide cofactor of the H protein. GLDC mutations are involved in non-ketotic hyperglycinemia.

Other Names:

Glycine dehydrogenase [decarboxylating], GCSP, Glycine cleavage system P protein, Glycine decarboxylase, GCE, HYG1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing N-terminal region of human GLDC. 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: 1:1,000-1:3,000 (detect endogenous protein*)

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

Product Data:

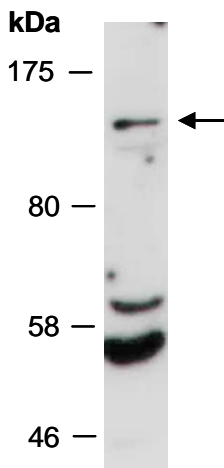


Fig 1. Western blot of total cell extracts from human Jurkat; using anti-GLDC (N) (R3152-1) at RT for 2 h.