



Order: (888)-282-5810 (Phone)
(818)-707-0392 (Fax)
order@abiocode.com
Web: www.Abiocode.com

HK1 (M) Antibody, Rabbit Polyclonal

Cat#: R2268-2

Quantity: 100 ul

Predicted I Observed M.W.: 102 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P19367

Background:

Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. Hexokinase-1 (HK1) is a ubiquitous form of hexokinase, which localizes to the outer membrane of mitochondria. Mutations in HK1 are associated with hemolytic anemia due to hexokinase deficiency. Alternative splicing of this gene results in five transcript variants encoding different isoforms, some of which are tissue-specific. Each isoform has a distinct N-terminus; the remainder of the protein is identical among all the isoforms [provided by RefSeq].

Other Names:

Hexokinase-1, Brain form hexokinase, Hexokinase type I, HK I

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human HK1. 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:

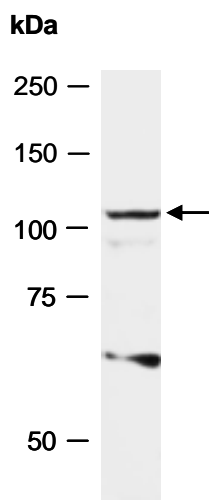


Fig 1. Western blot of total cell extracts from human Jurkat; using anti-HK1 (M) (R2268-2) at RT for 2 h.