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MKI67IP (N1) Antibody, Rabbit Polyclonal

Cat#: R2149-1

Quantity: 100 ul

Predicted | Observed M.W.: 34 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9BYG3

Background:

MKI67IP contains an RNA recognition motif (RRM) near to the N-terminus and a FHA Ki67 binding domain near to the C-terminus. There are two conserved sequence motifs within the FHA Ki67 binding domain: TPVCTP and LERRKS, this domain binds to the forkhead-associated domain of human Ki67. High-affinity binding requires sequential phosphorylation by two kinases, CDK1 and GSK3, yielding pThr238, pThr234 and pSer230. This interaction is involved in cell cycle regulation.

Other Names:

Nucleolar phosphoprotein Nopp34, Nucleolar protein interacting with the FHA domain of pKi-67, NIFK, NOPP34

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human MKI67IP. 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:

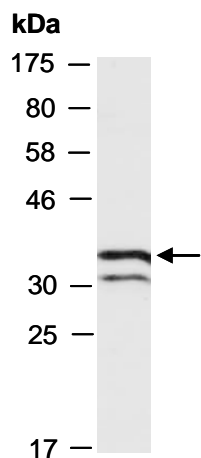


Fig 1. Western blot of total cell extracts from human Jurkat, using anti-MK167IP (N1) (R2149-1) at RT for 2 h.