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DIAPH3 (C) Antibody, Rabbit Polyclonal

Cat#: R3175-2

Quantity: 100 ul

Predicted | Observed M.W.: 137 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9NSV4

Background:

Diaphanous-related formin-3 (DIAPH3) binds to GTP-bound form of Rho and to profilin, and acts in a Rho-dependent manner to recruit profilin to the membrane, where it promotes actin polymerization. It is required for cytokinesis, stress fiber formation, and transcriptional activation of the serum response factor.

Other Names:

Protein diaphanous homolog 3, Diaphanous-related formin-3, DRF3, MDia2, DIAP3

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human DIAPH3. 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:

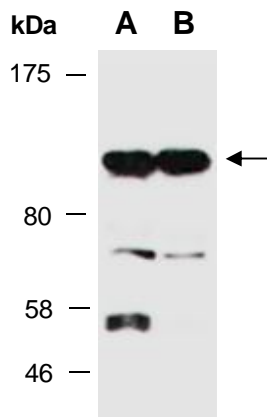


Fig 1. Western blot analysis of total cell extracts from A) human HeLa; B) human Jurkat; using anti-DIAPH3 (C) (R3175-2) at RT for 2 h.