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ARHGDI B (N1) Antibody, Rabbit Polyclonal

Cat#: R0870-1

Quantity: 100 ul

Predicted M.W.: 23 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P52566

Background:

ARHGDI B is also known as Rho GDP-dissociation inhibitor 2, which belongs to the Rho GDI family. Members of the Rho (or ARH) protein family and other Ras-related small GTP-binding proteins are involved in diverse cellular events, including cell signaling, proliferation, cytoskeletal organization, and secretion. The GTP-binding proteins are active only in the GTP-bound state. At least 3 classes of proteins tightly regulate cycling between the GTP-bound and GDP-bound states: GTPase-activating proteins (GAPs), guanine nucleotide-releasing factors (GRFs), and GDP-dissociation inhibitors (GDIs). The GDIs, including ARHGDI B, decrease the rate of GDP dissociation from Ras-like GTPases.

Other Names:

Rho GDP-dissociation inhibitor 2, Ly-GDI, Rho-GDI beta, Rho GDI 2, GDIA2, GDID4, RAP1GN1, GDIR2

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human ARHGDI B. 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: 1:1,000-1:5,000 (detect endogenous protein*)

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

Product Data:

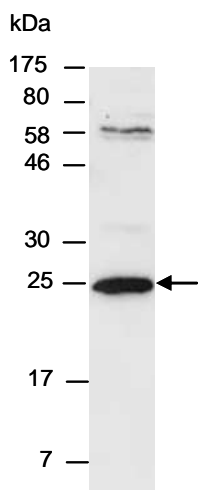


Fig 1. Western blot of total cell extracts from human Jurkat, using Ab (R0870-1) at RT for 2 h.