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(818)-707-0392 (Fax)
order@abiocode.com
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RAP1GDS1 (C) Antibody, Rabbit Polyclonal

Cat#: R2431-2

Quantity: 100 ul

Predicted | Observed M.W.: 66 | 55, 78 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P52306

Background:

Rap1 GTPase-GDP dissociation stimulator 1 (RAP1GDS1) is a stimulatory GDP/GTP exchange protein with GTPase activity. RAP1GDS1 stimulates GDP/GTP exchange reaction of a group of small GTP-binding proteins (G proteins) including Rap1a/Rap1b, RhoA, RhoB and KRas, by stimulating the dissociation of GDP from and the subsequent binding of GTP to each small G protein. Multiple isoforms exist for RAP1GDS1 with M.W. ranging from 56-66 kDa.

Other Names:

Rap1 GTPase-GDP dissociation stimulator 1, Exchange factor smgGDS, SMG GDS protein, SMG P21 stimulatory GDP/GTP exchange protein

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human RAP1GDS1. 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, Mouse

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:

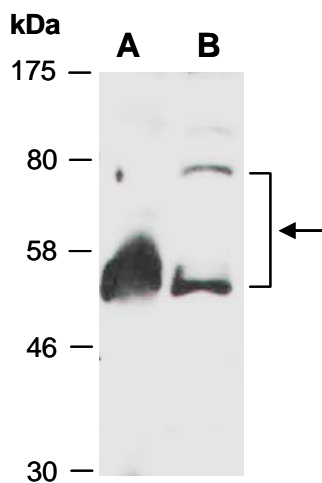


Fig 1. Western blot of total cell extracts from A) mouse brain, B) mouse thymus; using anti-RAP1GDS1 (C) (R2431-2) at RT for 2 h.