

## Product datasheet

### RAP1GDS1 RABBIT POLYCLONAL ANTIBODY

**SKU:** MM-0140

100 µL

#### OVERVIEW

**Clonality:**

Polyclonal

**Host:**

Rabbit

**Reactivity:**

Human

**Application:**

WB

**Target:**

RAP1GDS1

**Target background:**

Small G-protein dissociation stimulator (Smg-GDS) is a guanine nucleotide exchange factor which displays a wide variety of target proteins both from the Ras and Rho families. Small GTPases are known for their ability to bind GTP and hydrolyze the bound GTP to GDP. SmgGDS has been shown to be upregulated in several types of cancer such as non-small cell lung carcinoma and prostate cancer, where it promotes both proliferation and migration.

**Target alias:**

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

**Specificity:**

The antibody recognizes the human RAP1GDS1 protein.

**Clone ID:**

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**Preservative:**

None

**Format:**

Lyophilized serum

**Recommend starting dilution:**

If reconstituted with deionized water in 100  $\mu$ l: WB 1:1000 – 1:3000. Optimal dilution has to be determined by the user.

**Limitations:**

Research Use Only

**References:**

1.-Bourgoin S - Low molecular weight GTP-binding proteins in HL-60 granulocytes. Assessment of the role of ARF and of a 50-kDa cytosolic protein in phospholipase D...

**Storage:**

Lyophilized antibodies can be kept at 4°C for up to 3 months and should be kept at -20°C for long-term storage (2 years). To avoid freeze-thaw cycles, reconstituted antibodies should be aliquoted before freezing for long-term (1 year) storage (-80°C) or kept at 4°C for short-term usage (2 months). For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made with the assay buffer. After the maximum long-term storage period (2 years lyophilized or 1 year reconstituted) antibodies should be tested in your assay with a standard sample to verify if you have noticed any decrease in their efficacy.

**Image:**