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# Datasheet for ABIN2788150 anti-RAP1GDS1 antibody (Middle Region)

2 Images



#### Overview

| Quantity:            | 100 μL  |
|----------------------|---|
| Target:              | RAP1GDS1  |
| Binding Specificity: | Middle Region   |
| Reactivity:          | Human, Mouse, Rat, Cow, Guinea Pig, Dog, Horse, Pig, Rabbit |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This RAP1GDS1 antibody is un-conjugated                     |
| Application:         | Western Blotting (WB)                                       |

### Product Details

| Immunogen:            | The immunogen is a synthetic peptide directed towards the middle region of human RAP1GDS1                    |
|-----------------------|--|
| Sequence:             | LLEIVQQKVD SDKEDDITEL KTGSDLMVLL LLGDESMQKL FEGGKGSVFQ   |
| Predicted Reactivity: | Cow: 86%, Dog: 93%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Mouse: 79%, Pig: 86%, Rabbit:<br>93%, Rat: 86% |
| Characteristics:      | This is a rabbit polyclonal antibody against RAP1GDS1. It was validated on Western Blot.                     |
| Purification:         | Affinity Purified  |
| Target Details        |  |

Target:

RAP1GDS1

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| Target Details      |  |
|---------------------|--|
| Alternative Name:   | RAP1GDS1 (RAP1GDS1 Products)   |
| Background:         | The smg GDP dissociation stimulator (smgGDS) protein is a stimulatory GDP/GTP exchange<br>protein with GTPase activity (Riess et al., 1993 [PubMed 8262526]).<br>Alias Symbols: GDS1, MGC118859, MGC118861, SmgGDS<br>Protein Interaction Partner: PLEKHB1, MBIP, DOC2A, UBC, TATDN1, GINS3, UBQLN1, OLA1,<br>DCPS, ABHD14A, PDIA4, USP14, NAE1, YWHAE, VCL, PTMA, PPP5C, PPP1R2, PFAS,<br>PAFAH1B2, MSN, HSPA9, HSPA5, HSPA1L, GSS, GMDS, GAPDH, ECHS1, CAPN1, ASNS, RAC1,<br>EGFR, CDC42, ZNF451, KIFAP3, KRAS, HRAS, RAP<br>Protein Size: 558 |
| Molecular Weight:   | 61 kDa   |
| Gene ID:            | 5910   |
| NCBI Accession:     | NM_001100429, NP_001093899   |
| UniProt:            | P52306   |
| Pathways:           | SARS-CoV-2 Protein Interactome   |
| Application Details |  |
| Application Notes:  | Optimal working dilutions should be determined experimentally by the investigator.   |
| Comment:            | Antigen size: 558 AA   |
| Restrictions:       | For Research Use only  |
| Handling            |  |
| Format:             | Liquid   |
| Concentration:      | Lot specific   |
| Buffer:             | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.  |
| Preservative:       | Sodium azide   |
| Precaution of Use:  | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.   |
| Handling Advice:    | Avoid repeated freeze-thaw cycles.   |
|                     |  |

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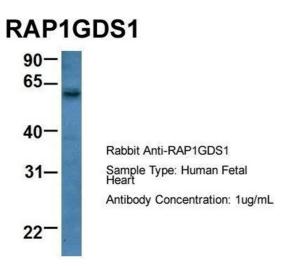
-20 °C

Storage:

Storage Comment:

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

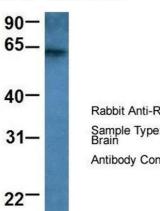
#### Images



## Western Blotting

**Image 1.** Host: Rabbit Target Name: RAP1GDS1 Sample Tissue: Human Fetal Heart Antibody Dilution: 1.0 µg/mL

# RAP1GDS1



#### Western Blotting

**Image 2.** Host: Rabbit Target Name: RAP1GDS1 Sample Tissue: Human Fetal Brain Antibody Dilution: 1.0 µg/mL

Rabbit Anti-RAP1GDS1 Sample Type: Human Fetal Brain Antibody Concentration: 1ug/mL

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