

# Rabbit anti-Human RAP1GDS1 Polyclonal Antibody | anti-RAP1GDS1 antibody

RAP1GDS1 Antibody (Center)

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA289884</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

## PRODUCT SYNONYMS

RAP1GDS1; Polyclonal Antibody; RAP1GDS1 Antibody (Center); Rap1 GTPase-GDP dissociation stimulator 1; Exchange factor smgGDS; SMG GDS protein; SMG P21 stimulatory GDP/GTP exchange protein; anti-RAP1GDS1 antibody

## PRODUCT SPECIFICATIONS

|                                                    |                                                                                                                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                                                                                                       |
| Reactivity                                         | Human                                                                                                                                                                        |
| Clonality                                          | Polyclonal                                                                                                                                                                   |
| Isotype                                            | Rabbit Ig                                                                                                                                                                    |
| Specificity                                        | This RAP1GDS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 217-244 amino acids from the Central region of human RAP1GDS1.    |
| Purity/Purification                                | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                        | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                      | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                                 | 217-244                                                                                                                                                                      |
| Sequence Length                                    | 516                                                                                                                                                                          |
| Applicable Applications for anti-RAP1GDS1 antibody | WB (Western Blot), IHC (Immunohistochemistry), ELISA                                                                                                                         |
| Antigen Type                                       | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                     | HUMAN                                                                                                                                                                        |
| Preparation and Storage                            | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

## IMAGES



### WB (Western Blot)

RAP1GDS1 Antibody (Center) western blot analysis in HepG2,MDA-MB231 cell line lysates (35ug/lane).This demonstrates the RAP1GDS1 antibody detected the RAP1GDS1 protein (arrow).



### IHC (Immunohistochemistry)

RAP1GDS1 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of RAP1GDS1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RAP1GDS1 antibody | The smg GDP dissociation stimulator (smgGDS) protein is a stimulatory GDP/GTP exchange protein with GTPase activity (Riess et al., 1993 [PubMed 8262526]).                                                                                                                                  |
| Product Categories/Family for anti-RAP1GDS1 antibody   | Cancer; Signal Transduction                                                                                                                                                                                                                                                                 |
| References                                             | Schönherr, C., et al. Oncogene 29(19):2817-2830(2010)<br>Branham, M.T., et al. J. Biol. Chem. 284(37):24825-24839(2009)<br>Zemunik, T., et al. Croat. Med. J. 50(1):23-33(2009)<br>Tew, G.W., et al. J. Biol. Chem. 283(2):963-976(2008)<br>Tiwari, S., et al. Blood 103(7):2661-2667(2004) |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------|
| NCBI GI #                        | 155030192                                                                                   |
| NCBI GeneID                      | 5910                                                                                        |
| NCBI Accession #                 | NP_001093896.1; NP_001093897.1; NP_001093898.1; NP_001093899.1; NP_001093900.1; NP_066982.3 |
| NCBI GenBank Nucleotide #        | NM_001100426.1                                                                              |
| UniProt Accession #              | P52306; Q499L7; Q4KMV2; Q4QQI8; Q9BUW9; Q9BUX6; Q9NYM2; Q9NZA8; E9PH06; G5E9P9              |
| Molecular Weight                 | 66317                                                                                       |
| NCBI Official Full Name          | rap1 GTPase-GDP dissociation stimulator 1 isoform 1                                         |
| NCBI Official Synonym Full Names | RAP1, GTP-GDP dissociation stimulator 1                                                     |
| NCBI Official Symbol             | RAP1GDS1                                                                                    |
| NCBI Official Synonym Symbols    | GDS1; SmgGDS                                                                                |
| NCBI Protein Information         | rap1 GTPase-GDP dissociation stimulator 1                                                   |
| UniProt Protein Name             | Rap1 GTPase-GDP dissociation stimulator 1                                                   |
| UniProt Gene Name                | RAP1GDS1                                                                                    |
| UniProt Entry Name               | GDS1_HUMAN                                                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rap1gds1-antibody-western-blot-immunohistochemistry-elisa/289884>