



Rabbit Anti-RAP1GDS1 antibody

SL10753R

Product Name:	RAP1GDS1
Chinese Name:	G蛋白GTP-GDP解离刺激因子1抗体
Alias:	Exchange factor smgGDS; GDS1; GTP-GDP dissociation stimulator 1; Highly similar to RAP1 GTPASE-GDP DISSOCIATION STIMULATOR 1; RAP1; Rap1 GTPase-GDP dissociation stimulator 1; SMG GDS protein; SMG P21 stimulatory GDP/GTP exchange protein; GDS1 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	66kDa
Cellular localization:	cytoplasmicExtracellular matrix
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RAP1GDS1:511-607/607
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	RAP1GDS1 enhances GDP/GTP exchange reaction in a group of small GTP-binding proteins such as Rap1a/Rap1b, RhoA, RhoB and KRas, by stimulating the dissociation of GDP from each G protein and the subsequent binding of GTP. There are two known isoforms.

Function:

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.

Similarity:

Contains 5 ARM repeats.

SWISS:

P52306

Gene ID:

5910

Database links:

[Entrez Gene: 5910](#) Human

[Entrez Gene: 229877](#) Mouse

[Entrez Gene: 310909](#) Rat

[Omim: 179502](#) Human

[SwissProt: P52306](#) Human

[Unigene: 132858](#) Human

[Unigene: 28893](#) Mouse

[Uigene: 160647](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.