

ARG45507 anti-RAP1GDS1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RAP1GDS1
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Specificity	RAP1GDS1
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RAP1GDS1
Species	Human
Immunogen	Recombinant protein containing to human RAP1GDS1.
Conjugation	Un-conjugated
Alternate Names	RAP1GDS1; Rap1 GTPase-GDP Dissociation Stimulator 1; SmgGDS; SMG P21 Stimulatory GDP/GTP Exchange Protein; RAP1, GTP-GDP Dissociation Stimulator 1; Exchange Factor SmgGDS; SMG GDS Protein; SMGGDS; GDS1

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	66 kDa	

Properties

Form	Powder
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

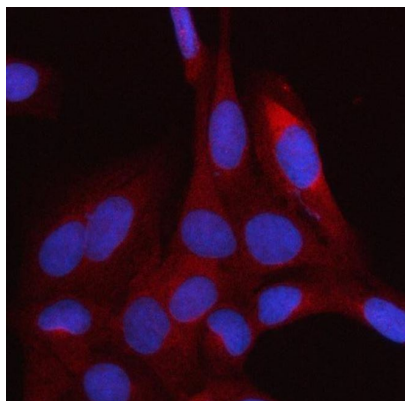
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

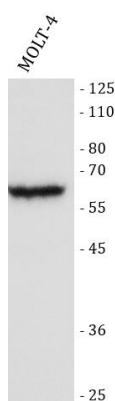
Gene Symbol	RAP1GDS1
Gene Full Name	Rap1 GTPase-GDP Dissociation Stimulator 1
Background	The smg GDP dissociation stimulator (smgGDS) protein is a stimulatory GDP/GTP exchange protein with GTPase activity (Riess et al., 1993 [PubMed 8262526]).[supplied by OMIM, Feb 2010]
Function	Acts as a GEF (guanine nucleotide exchange factor) for the Rho family of small GTP-binding proteins (G proteins) that stimulates the dissociation of GDP to enable subsequent binding of GTP [UniProt]
Calculated Mw	66 kDa
PTM	Acetylation. [UniProt]
Cellular Localization	Cytoplasm; Endoplasmic reticulum; Mitochondrion; Nucleus. [UniProt]

Images



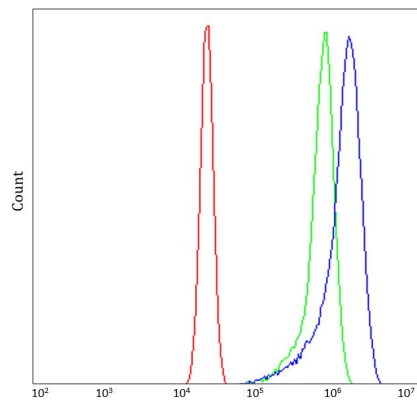
ARG45507 anti-RAP1GDS1 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45507 anti-RAP1GDS1 antibody at 5 µg/ml dilution.



ARG45507 anti-RAP1GDS1 antibody WB image

Western blot: MOLT-4 stained with ARG45507 anti-RAP1GDS1 antibody at 0.5 µg/ml dilution.



ARG45507 anti-RAP1GDS1 antibody FACS image

Flow Cytometry: U2OS stained with ARG45507 anti-RAP1GDS1 antibody at $1\text{ }\mu\text{g}/10^6$ cells dilution.