

RAP1GDS1 Polyclonal Antibody

Catalog number: 10377-1-AP

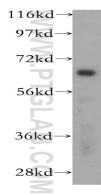
Size: 20 µg/150 µl

Source: Rabbit

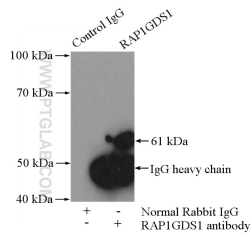
Isotype: IgG

Synonyms:

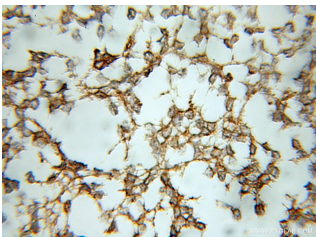
RAP1GDS1; Exchange factor smgGDS, GDS1, RAP1GDS1, SMG GDS protein, SmgGDS



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10377-1-AP(RAP1GDS1 antibody) at dilution of 1:500



IP Result of anti-RAP1GDS1 (IP:10377-1-AP, 3µg; Detection:10377-1-AP 1:500) with mouse brain tissue lysate 4000ug.



Immunohistochemical of paraffin-embedded human gliomas using 10377-1-AP(RAP1GDS1 antibody) at dilution of 1:50 (under 10x lens)

Background

GDS stimulates the GDP/GTP exchange reaction of a group of small GTP-binding proteins (G proteins), including at least c-Ki-ras p21, smg p21A, smg p21B, rhoA p21 and rhoB p21, by stimulating the dissociation of GDP from and the subsequent binding of GTP to each small G protein. The small GTPase Rap1, which is activated by a large variety of stimuli, functions in the control of integrin-mediated cell adhesion. RAP1GDS1 (synonym: GDS1) is one of RAP1 GTP-GDP dissociation stimulators.

Applications

Tested applications:	ELISA, WB, IHC, IP
Species specificity:	Human, Mouse; other species not tested.
Calculated RAP1GDS1 MW:	66 kDa
Observed RAP1GDS1 MW:	66 kDa
Positive WB detected in	Mouse brain tissue
Positive IP detected in	Mouse brain tissue
Positive IHC detected in	Human gliomas tissue
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:2000
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0230
GenBank accession number:	BC001851
Gene ID (NCBI):	5910
Full name:	RAP1, GTP-GDP dissociation stimulator 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.