



GDS1 Polyclonal Antibody

Catalog No	YP-Ab-06021
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	RAP1GDS1
Immunogen	Synthesized peptide derived from human protein . at AA range: 230-310
Specificity	GDS1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Exchange factor smgGDS;Rap1 GTPase-GDP dissociation stimulator 1;SMG GDS protein;SmgGDS;GDS1;RAP1GDS1;Rap1 GTPase-GDP dissociation stimulator 1 (Exchange factor smgGDS) (SMG GDS protein) (SMG P21 stimulatory GDP/GTP exchange protein)
Observed Band	55-66 kDa
Calculated Molecular Weight	66 kDa
Cell Pathway	Cytoplasm, cytosol . Endoplasmic reticulum . Mitochondrion . Nucleus . Nuclear import is dependent on complexing with a GTPase containing a C-terminal polybasic region. .
Tissue Specificity	Brain,Muscle,PCR rescued clones,Peripheral blood,
Function	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.,
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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images