

For Research Use Only

RAP1GAP Recombinant antibody, PBS Only

Catalog Number: 86011-1-PBS



Basic Information

Catalog Number:	86011-1-PBS	GenBank Accession Number:	BC054490	Purification Method:	Protein A purification
Concentration:	1 mg/ml	GeneID (NCBI):	5909	CloneNo.:	25042288
Source:	Rabbit	UNIPROT ID:	P47736		
Isotype:	IgG	Full Name:	RAP1 GTPase activating protein		
Immunogen Catalog Number:	AG5576	Calculated MW:	73 kDa		

Applications

Tested Applications:
IF/ICC, Indirect ELISA
Species Specificity:
human

Background Information

Rap1 GTPase-activating protein (Rap1GAP) is an important tumor suppressor. Rap1GAP was associated with the AMPK and NF- κ B signaling pathways and that Rap1GAP inhibited AMPK/SIRT1 and activated the NF- κ B signaling pathway in model animals. Rap1GAP was verified to regulate the AMPK SIRT1/NF- κ B signaling pathway and exacerbate the damage to myocardial cells caused by ischemia and hypoxia (PMID: 38320624). Rap1GAP is involved in Ang II-induced cardiomyocyte hypertrophy through the regulation of autophagy (PMID: 33936386). Rap1GAP, which is the GTPase-activating protein of Rap1, can bind to Rap1, promote the transformation of GTP from its active to inactive form, and terminate signal transduction (PMID: 21295042).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

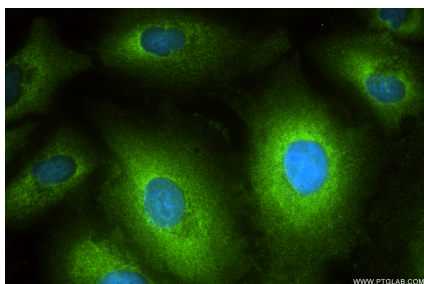
T: 4006900926

E: Proteintech-CN@ptglab.com

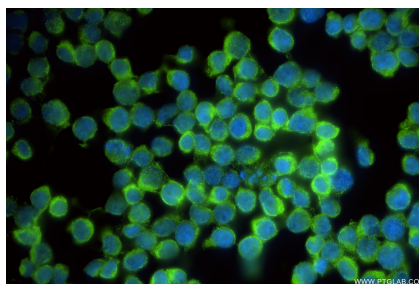
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using RAP1GAP antibody (86011-1-RR, Clone: 250422B8) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86011-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using RAP1GAP antibody (86011-1-RR, Clone: 250422B8) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86011-1-PBS in a different storage buffer formulation.