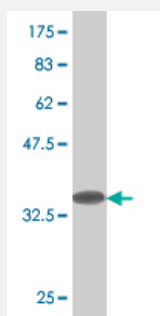


RACGAP1 monoclonal antibody (M03), clone 4B7

Catalog # H00029127-M03

Size 100 ug

Applications



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant RACGAP1.
Immunogen	RACGAP1 (AAH32754, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDTMMLNVRNLFEQLVRRVEILSEGNEVQFIQLAKDFEDFRKKWQRTDHELKGYKDLLMKAETER SALDVKLKHARNQVDVEIKRRQRAEADCEKLERQIQLIREMLMCD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (84)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RACGAP1

Entrez GeneID [29127](#)

GeneBank Accession# [BC032754](#)

Protein Accession# [AAH32754](#)

Gene Name RACGAP1

Gene Alias HsCYK-4, ID-GAP, MgcRacGAP

Gene Description Rac GTPase activating protein 1

Omim ID [604980](#)

Gene Ontology [Hyperlink](#)

Gene Summary Rho GTPases control a variety of cellular processes. There are 3 subtypes of Rho GTPases in the Ras superfamily of small G proteins: RHO (see MIM 165370), RAC (see RAC1; MIM 602048), and CDC42 (MIM 116952). GTPase-activating proteins (GAPs) bind activated forms of Rho GTPases and stimulate GTP hydrolysis. Through this catalytic function, Rho GAPs negatively regulate Rho-mediated signals. GAPs may also serve as effector molecules and play a role in signaling downstream of Rho and other Ras-like GTPases.[supplied by OMIM]

Other Designations GTPase activating protein

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)