10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RAP1GA1 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant RAP1GA1.
Catalog # AT3563a

Product Information

Application	E
Primary Accession	P47736
Other Accession	BC054490
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3G11
Calculated MW	73361

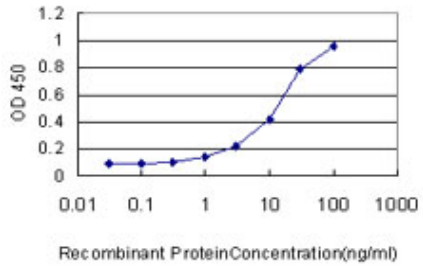
Additional Information

Gene ID	5909
Other Names	Rap1 GTPase-activating protein 1, Rap1GAP, Rap1GAP1, RAP1GAP, KIAA0474, RAP1GA1
Target/Specificity	RAP1GA1 (AAH54490.1, 1 a.a. ~ 663 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	RAP1GA1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

References

Downregulation of Rap1GAP in human tumor cells alters cell/matrix and cell/cell adhesion. Tsygankova OM, et al. Mol Cell Biol, 2010 Jul. PMID 20439492.Downregulation of Rap1GAP through epigenetic silencing and loss of heterozygosity promotes invasion and progression of thyroid tumors. Zuo H, et al. Cancer Res, 2010 Feb 15. PMID 20124489.The ability of GAP1IP4BP to function as a Rap1 GTPase-activating protein (GAP) requires its Ras GAP-related domain and an arginine finger rather than an asparagine thumb. Kupzig S, et al. Mol Cell Biol, 2009 Jul. PMID 19433443.Down-regulation of Rap1GAP via promoter hypermethylation promotes melanoma cell proliferation, survival, and migration. Zheng H, et al. Cancer Res, 2009 Jan 15. PMID 19147557.Genetic variants in apoptosis and immunoregulation-related genes are associated with risk of chronic lymphocytic leukemia. Enjuanes A, et al. Cancer Res, 2008 Dec 15. PMID 19074885.

Images



Detection limit for recombinant GST tagged RAP1GA1 is approximately 1ng/ml as a capture antibody.