

RAP1GA1 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant RAP1GA1.

Catalog # AT3563a

Specification

RAP1GA1 Antibody (monoclonal) (M02) - Product Information

Application	E
Primary Accession	P47736
Other Accession	BC054490
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	73361

RAP1GA1 Antibody (monoclonal) (M02) - 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.

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.

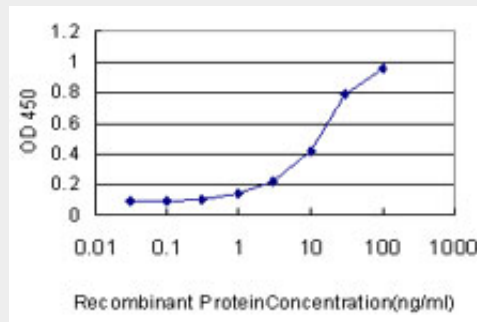
RAP1GA1 Antibody (monoclonal) (M02) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

RAP1GA1 Antibody (monoclonal) (M02) - Images



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

RAP1GA1 Antibody (monoclonal) (M02) - 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 GAP1P4BP 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.