Mouse ARFGAP1 Monoclonal Antibody | anti-ARFGAP1 antibody

ARFGAP1 antibody

CATALOG #	HOST	APPLICATIONS
AAA106503	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

ARFGAP1; Monoclonal Antibody; ARFGAP1 antibody; Monoclonal ARFGAP1; Anti-ARFGAP1; ADP ribosylation factor GTPase activating protein; ADP ribosylation factor GTPase activating protein 1; ADP-ribosylation factor 1 GTPase-activating protein; ARF GAP 1; FLJ10767; GAP protein; ARFGAP 1; ARFGAP-1; anti-ARFGAP1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2C6
Purity/Purification	ARFGAP1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	414
Applicable Applications for anti-ARFGAP1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	ARFGAP1 is a GTPase-activating protein (GAP) which associates with the Golgi apparatus andwhich interacts with ADP-ribosylation factor 1 (ARF1). The encoded protein promotes hydrolysis of ARF1-bound GTP andis required for the dissociation of coat proteins from Golgi-derived membranes and vesicles. Dissociation of the coatproteins is required for the fusion of these vesicles with target compartments. The activity of this protein isstimulated by phosphoinosides and inhibited by phosphatidylcholine.
Cross-Reactivity	Human, Monkey
Immunogen	ARFGAP1 antibody was raised in mouse using a full length recombinant protein of human ARFGAP1 (NP_783202) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant ARFGAP1 protein using ARFGAP1 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant ARFGAP1 protein (Right) or empty vector (Left) detected with ARFGAP1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ARFGAP1 antibody	Mouse monoclonal ARFGAP1 antibody
Product Categories/Family for anti-ARFGAP1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	28416436
NCBI GeneID	55738
NCBI Accession #	NP_783202
NCBI GenBank Nucleotide #	NM_175609.1
UniProt Accession #	Q8N6T3; Q6PK71; Q96KC4; Q96T02; Q9NSU3; Q9NVF6; Q9UIL0; B7Z3U0; B7Z8H8; B7ZBI3; E1P5I9; E7EV62
Molecular Weight	39,705 Da
NCBI Official Full Name	ADP-ribosylation factor GTPase-activating protein 1 isoform b
NCBI Official Synonym Full Names	ADP-ribosylation factor GTPase activating protein 1
NCBI Official Symbol	ARFGAP1
NCBI Official Synonym Symbols	ARF1GAP; HRIHFB2281
NCBI Protein Information	ADP-ribosylation factor GTPase-activating protein 1
UniProt Protein Name	ADP-ribosylation factor GTPase-activating protein 1
UniProt Gene Name	**ARFGAP1**
UniProt Synonym Gene Names	ARF1GAP; ARF GAP 1; ARF1 GAP
UniProt Entry Name	ARFG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/arfgap1-antibody-clone-2c6-western-blot-immunofluorescence-flow-cytometry-elisa/106503