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Anti-ARFGAP1 Antibody

Catalog # AP95672

Product Information

Application	WB, FC
Primary Accession	Q8N6T3
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	44668

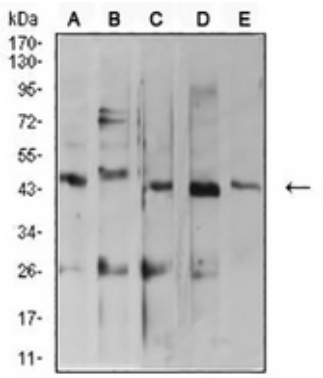
Additional Information

Gene ID	55738
Other Names	ARF1GAP; ADP-ribosylation factor GTPase-activating protein 1; ARF GAP 1; ADP-ribosylation factor 1 GTPase-activating protein; ARF1 GAP; ARF1-directed GTPase-activating protein
Target/Specificity	Recombinant fusion protein of human ARFGAP1 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

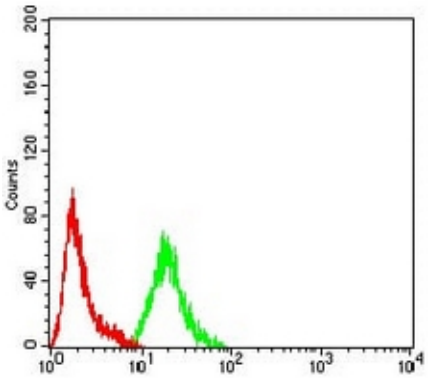
Protein Information

Name	ARFGAP1
Synonyms	ARF1GAP
Function	GTPase-activating protein (GAP) for the ADP ribosylation factor 1 (ARF1). Involved in membrane trafficking and /or vesicle transport. Promotes hydrolysis of the ARF1-bound GTP and thus, is required for the dissociation of coat proteins from Golgi-derived membranes and vesicles, a prerequisite for vesicle's fusion with target compartment. Probably regulates ARF1-mediated transport via its interaction with the KDELR proteins and TMED2. Overexpression induces the redistribution of the entire Golgi complex to the endoplasmic reticulum, as when ARF1 is deactivated. Its activity is stimulated by phosphoinosides and inhibited by phosphatidylcholine.
Cellular Location	Golgi apparatus {ECO:0000250|UniProtKB:Q62848}. Cytoplasm {ECO:0000250|UniProtKB:Q62848}. Note=Associates with the Golgi complex. {ECO:0000250|UniProtKB:Q62848}

Images



Western blot analysis of ARFGAP1 expression in MOLT4 (A), C2C12 (B), HepG2 (C), MCF7 (D), Lncap (E) whole cell lysates. (Predicted band size: 45 kD; Observed band size: 45 kD)



Flow cytometric analysis of HepG2 cells using Anti-ARFGAP1 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.