

Rabbit ARF1 Monoclonal Antibody | anti-ARF1 antibody

ARF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312318	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ARF1; Monoclonal Antibody; ARF1 Antibody; ADP Ribosylation Factor 1 antibody; ADP-ribosylation factor 1 antibody; ARF 1 antibody; ARF1 antibody; ARF1_HUMAN antibody; anti-ARF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SD2002
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ARF1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



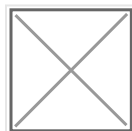
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Hela cells with ARF1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



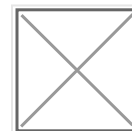
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-ARF1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-ARF1 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of ARF1 on NIH/3T3 cells lysates using anti-ARF1 antibody at 1/1,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ARF1 antibody	ADP-ribosylation factors (ARFs), are small guanine nucleotide-binding proteins that enhance the enzymatic activities of cholera toxin, and constitute one family of the RAS superfamily. ARFs are essential and ubiquitous in eukaryotes, as they are involved in vesicular transport and functioning via phospholipase D activation. ARF proteins play a role in membrane traffic and organelle integrity and are intimately tied to their reversible association with membranes and distinct interactions with membrane phospholipids. ARF1 is regulated by the binding and hydrolysis of GTP. Coatomer, or COPI, is a heptameric protein recruited to membranes by ARF1. Research demonstrates that guanine nucleotide exchange-activated ARF1, when located at the Golgi membrane, recruits and binds cytoplasmic COPI to the membranes.
Product Categories/Family for anti-ARF1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	51316985
NCBI GeneID	375
UniProt Accession #	P84077; P10947; P32889
Molecular Weight	181
NCBI Official Full Name	ADP-ribosylation factor 1
NCBI Official Synonym Full Names	ADP-ribosylation factor 1
NCBI Official Symbol	ARF1
NCBI Protein Information	ADP-ribosylation factor 1
UniProt Protein Name	ADP-ribosylation factor 1
UniProt Gene Name	ARF1
UniProt Entry Name	ARF1_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.