

Rabbit anti-Human ADP-ribosylation factor GTPase-activating protein 1 Polyclonal Antibody | anti-ARFGAP1 antibody

Rabbit anti-human ADP-ribosylation factor GTPase-activating protein 1 polyclonal Antibody(ARFGAP1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118665	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

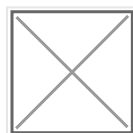
PRODUCT SYNONYMS

ADP-ribosylation factor GTPase-activating protein 1; Polyclonal Antibody; Rabbit anti-human ADP-ribosylation factor GTPase-activating protein 1 polyclonal Antibody(ARFGAP1); ARF GAP 1; ADP-ribosylation factor 1 GTPase-activating protein; ARF1 GAP; ARF1-directed GTPase-activating protein; ARFGAP1; ARF1GAP; anti-ARFGAP1 antibody

PRODUCT SPECIFICATIONS

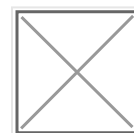
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	403
Applicable Applications for anti-ARFGAP1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human ADP-ribosylation factor GTPase-activating protein 1 protein (1-220aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-70014 / sc-70015 / sc-98714
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA118665 at dilution 1:100



WB (Western Blot)

All lanes: ADP-ribosylation factor GTPase-activating protein 1 antibody at 8ug/mL
Lane 1: PC-3 whole cell lysate
Lane 2: HeLa whole cell lysate
Lane 3: mouse brain tissue
Secondary: Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 45,46,32,40 kDa
Observed band size: 45 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ARFGAP1 antibody	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 KDEL 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 phosphoinositides and inhibited by phosphatidylcholine.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	527498254
NCBI GeneID	55738
NCBI Accession #	NP_001268411.1
NCBI GenBank Nucleotide #	NM_001281482.1
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 c
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.