

Rabbit anti-Human, rat ARFGAP1 Polyclonal Antibody | anti-ARFGAP1 antibody

ARFGAP1 Antibody (C-term)

CATALOG # AAA286900	HOST Rabbit	REACTIVITY Human, rat	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ARFGAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 377-406 amino acids from the C-terminal region of human ARFGAP1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	377-406
Sequence Length	403
Applicable Applications for anti-ARFGAP1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



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WB (Western Blot)

Western blot analysis of ARFGAP1 Antibody (C-term) against rat recombinant ARFGAP1 (30, 10, and 3 ng/lane, left to right). ARFGAP1 (arrow) was detected using the purified Pab. Data courtesy of Dr. Dan Cassel, Department of Biology, Technion, Haifa, Israel.

ADDITIONAL INFORMATION

Related Product Information for anti-ARFGAP1 antibody	ARFGAP1 is a GTPase-activating protein (GAP) which associates with the Golgi apparatus and which interacts with ADP-ribosylation factor 1 (ARF1). The encoded protein promotes hydrolysis of ARF1-bound GTP and is required for the dissociation of coat proteins from Golgi-derived membranes and vesicles. Dissociation of the coat proteins is required for the fusion of these vesicles with target compartments. The activity of this protein is stimulated by phosphoinositides and inhibited by phosphatidylcholine.
Product Categories/Family for anti-ARFGAP1 antibody	Signal Transduction
References	Huber, I., et al., Meth. Enzymol. 329, 307-316 (2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	527498254
NCBI GeneID	55738
NCBI Accession #	NP_001268411.1; NP_001268412.1; NP_001268413.1; NP_060679.1; NP_783202.1
NCBI GenBank Nucleotide #	NM_001281482.1
UniProt Accession #	Q8N6T3; Q6PK71; Q96KC4; Q96T02; Q9NSU3; Q9NVF6; Q9UIL0; B7Z3U0; B7Z8H8; B7ZBI3; E1P5I9; E7EV62
Molecular Weight	44668
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/arfgap1-antibody-western-blot-immunohistochemistry-elisa/286900>