

Rabbit anti-Human ARFGAP3 Polyclonal Antibody | anti-ARFGAP3 antibody

ARFGAP3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324427	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

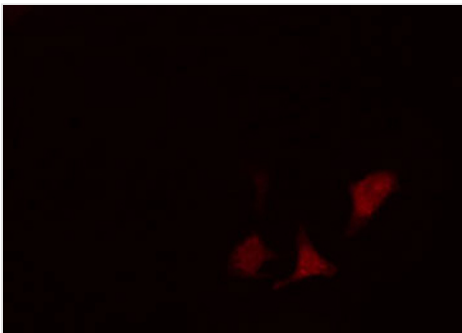
PRODUCT SYNONYMS

ARFGAP3; Polyclonal Antibody; ARFGAP3 Antibody; ADP ribosylation factor GTPase activating protein 1; ADP ribosylation factor GTPase activating protein 3; ADP-ribosylation factor GTPase-activating protein 3; ARF GAP 3; ARFG3_HUMAN; ArfGAP 3; ARFGAP1; FLJ45618; anti-ARFGAP3 antibody

PRODUCT SPECIFICATIONS

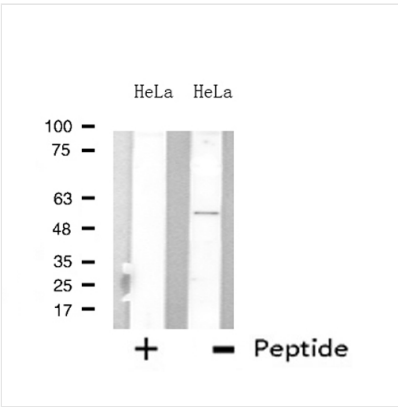
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	ARFGAP3 antibody detects endogenous levels of total ARFGAP3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	472
Applicable Applications for anti-ARFGAP3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Golgi Apparatus Membrane. Also found on peripheral punctate structures likely to be endoplasmic reticulum-Golgi intermediate compartment.
Tissue Specificity	Widely expressed. Highest expression in endocrine glands (pancreas, pituitary gland, salivary gland, and prostate) and testis with a much higher expression in the testis than in the ovary.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Dog, Chicken, Xenopus
Similarity	Pig (90%), Zebrafish (80%), Bovine (90%), Horse (90%), Sheep (90%), Dog (90%), Chicken (90%), Xenopus (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324427 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using ARFGAP3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ARFGAP3 antibody	Function: GTPase-activating protein (GAP) for ADP ribosylation factor 1 (ARF1). Hydrolysis of ARF1-bound GTP may lead to dissociation of coatomer from Golgi-derived membranes to allow fusion with target membranes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	214829714
NCBI GeneID	26286
NCBI Accession #	NP_001135765.1
NCBI GenBank Nucleotide #	NM_001142293.1
UniProt Accession #	Q9NP61; Q9BSC6; Q9H9J0; Q9NT10; Q9NUP5; Q9Y4V3; Q9Y4V4; E9PB03
Molecular Weight	Observed: 57 kD Predicted: 57 kDa
NCBI Official Full Name	ADP-ribosylation factor GTPase-activating protein 3 isoform 2
NCBI Official Synonym Full Names	ADP ribosylation factor GTPase activating protein 3
NCBI Official Symbol	ARFGAP3
NCBI Official Synonym Symbols	ARFGAP1
NCBI Protein Information	ADP-ribosylation factor GTPase-activating protein 3
UniProt Protein Name	ADP-ribosylation factor GTPase-activating protein 3
UniProt Gene Name	ARFGAP3
UniProt Synonym Gene Names	ARFGAP1; ARF GAP 3

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.