

Rabbit anti-Human ARL4A Polyclonal Antibody | anti-ARL4A antibody

ARL4A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327476	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ARL4A; Polyclonal Antibody; ARL4A Antibody; ADP ribosylation factor like 4; ADP ribosylation factor like 4A; ADP ribosylation factor like GTPase 4A; ADP-ribosylation factor-like protein 4A; ARL 4; ARL4; Arl4a; ARL4A_HUMAN; anti-ARL4A antibody

PRODUCT SPECIFICATIONS

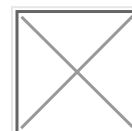
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	ARL4A antibody detects endogenous levels of total ARL4A
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	200
Applicable Applications for anti-ARL4A antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ARL4A
Subcellular Location	Cell Membrane. Cytoplasm. Nucleus > Nucleolus. Localization in the nucleolus is dependent by nucleotide binding.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (83%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of ARL4A using HeLa whole cell lysates



IHC (Immunohistochemistry)

AAA327476 at 1/100 staining Human kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-ARL4A antibody	Function: Small GTP-binding protein which cycles between an inactive GDP-bound and an active GTP-bound form, and the rate of cycling is regulated by guanine nucleotide exchange factors (GEF) and GTPase-activating proteins (GAP). GTP-binding protein that does not act as an allosteric activator of the cholera toxin catalytic subunit. Recruits CYTH1, CYTH2, CYTH3 and CYTH4 to the plasma membrane in GDP-bound form. Subunit Structure: Interacts with CYTH2. Interacts with KPNA2; the interaction is direct. Does not interacts with ARL4A. Post-translational Modifications: Myristoylated. Similarity: Belongs to the small GTPase superfamily. Arf family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	81295813
NCBI GeneID	10124
NCBI Accession #	NP_001032241.1
NCBI GenBank Nucleotide #	NM_001037164.2
UniProt Accession #	P40617; P80418; Q49AF5; A4D119
Molecular Weight	Observed: 23 kDa Predicted: 23 kDa
NCBI Official Full Name	ADP-ribosylation factor-like protein 4A
NCBI Official Synonym Full Names	ADP ribosylation factor like GTPase 4A
NCBI Official Symbol	ARL4A
NCBI Official Synonym Symbols	ARL4
NCBI Protein Information	ADP-ribosylation factor-like protein 4A
UniProt Protein Name	ADP-ribosylation factor-like protein 4A
UniProt Gene Name	ARL4A
UniProt Synonym Gene Names	ARL4

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.