

Rabbit ARL4C Polyclonal Antibody | anti-ARL4C antibody

ARL4C Antibody

CATALOG # AAA328776	HOST Rabbit	REACTIVITY Human Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

ARL4C; Polyclonal Antibody; ARL4C Antibody; ADP ribosylation factor like 4C; ADP ribosylation factor like 7; ADP-ribosylation factor-like protein 4C; ADP-ribosylation factor-like protein 7; ADP-ribosylation factor-like protein LAK; Arl4c; ARL4C_HUMAN; ARL7; LAK; anti-ARL4C antibody

PRODUCT SPECIFICATIONS

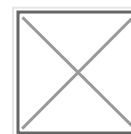
Host	Rabbit
Reactivity	Human Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	ARL4C Antibody detects endogenous levels of ARL4C.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
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	192
Applicable Applications for anti-ARL4C antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human ARL4C.
Tissue Specificity	Expressed in several tumor cell lines (at protein level). Expressed in lung, brain, leukocytes and placenta.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Plasma Membrane
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HUVEC cells, using ARL4C Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)

Western blot analysis of extracts from Colo205, using ARL4C Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ARL4C antibody	Description: 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. May be involved in transport between a perinuclear compartment and the plasma membrane, apparently linked to the ABCA1-mediated cholesterol secretion pathway. Recruits CYTH1, CYTH2, CYTH3 and CYTH4 to the plasma membrane in the GDP-bound form. Regulates the microtubule-dependent intracellular vesicular transport from early endosome to recycling endosome process. Subunit Structure: Interacts with CYTH2. Interacts with alpha tubulin; interaction is independent on the ARL4C GTP or GDP binding status. Similarity: Belongs to the small GTPase superfamily. Arf family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6552296
NCBI GeneID	10123
NCBI Accession #	NP_005728.2
NCBI GenBank Nucleotide #	NP_005728.2
UniProt Accession #	P56559
Molecular Weight	Observed: 21 kDa Predicted: 22 kDa
NCBI Official Full Name	ADP-ribosylation factor-like protein 4C isoform 2
NCBI Official Synonym Full Names	ADP ribosylation factor like GTPase 4C
NCBI Official Symbol	ARL4C
NCBI Official Synonym Symbols	LAK; ARL7
NCBI Protein Information	ADP-ribosylation factor-like protein 4C
UniProt Protein Name	ADP-ribosylation factor-like protein 4C
UniProt Gene Name	ARL4C
UniProt Synonym Gene Names	ARL7
UniProt Entry Name	ARL4C_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.