

Datasheet for ABIN7143505
anti-ARL4C antibody (AA 2-192)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	ARL4C
Binding Specificity:	AA 2-192
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARL4C antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human ADP-ribosylation factor-like protein 4C protein (2-192AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ARL4C
Alternative Name:	ARL4C (ARL4C Products)
Background:	Background: 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

Target Details

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.

Aliases: ADP ribosylation factor like 4C antibody, ADP ribosylation factor like 7 antibody, ADP-ribosylation factor-like protein 4C antibody, ADP-ribosylation factor-like protein 7 antibody, ADP-ribosylation factor-like protein LAK antibody, Arl4c antibody, ARL4C_HUMAN antibody, ARL7 antibody, LAK antibody

UniProt: [P56559](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IHC:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

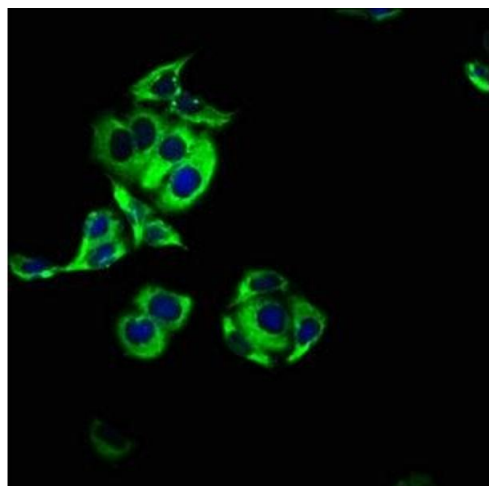
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

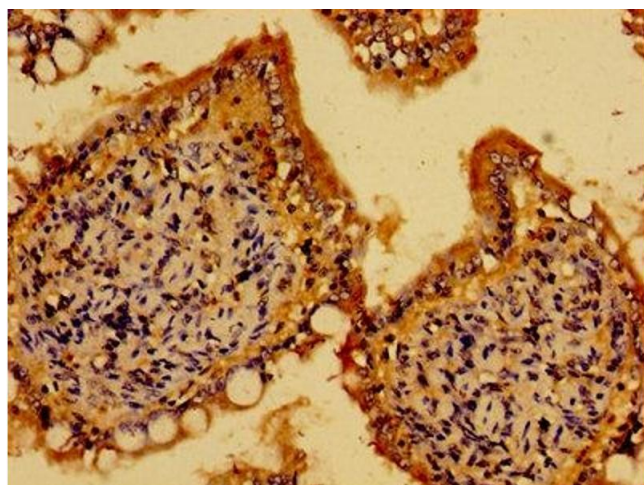
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of PC-3 cells with ABIN7143505 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7143505 at dilution of 1:100