

Datasheet for ABIN7143460
anti-ARFGAP1 antibody (AA 1-220)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	ARFGAP1
Binding Specificity:	AA 1-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARFGAP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human ADP-ribosylation factor GTPase-activating protein 1 protein (1-220AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	ARFGAP1
Alternative Name:	ARFGAP1 (ARFGAP1 Products)
Background:	Background: GTPase-activating protein (GAP) for the ADP ribosylation factor 1 (ARF1). Involved in membrane trafficking and /or vesicle transport. Promotes hydrolysis of the ARF1-bound GTP

Target Details

and thus, is required for the dissociation of coat proteins from Golgi-derived membranes and vesicles, a prerequisite for vesicle's fusion with target compartment. Probably regulates ARF1-mediated transport via its interaction with the KDELR proteins and TMED2.

Overexpression induces the redistribution of the entire Golgi complex to the endoplasmic reticulum, as when ARF1 is deactivated. Its activity is stimulated by phosphoinositides and inhibited by phosphatidylcholine .

Aliases: ADP ribosylation factor 1 GTPase activating protein antibody, ADP ribosylation factor GTPase activating protein 1 antibody, ADP-ribosylation factor 1 GTPase-activating protein antibody, ADP-ribosylation factor GTPase-activating protein 1 antibody, ARF GAP 1 antibody, ARF1 directed GTPase activating protein antibody, ARF1 GAP antibody, ARF1-directed GTPase-activating protein antibody, ARF1GAP antibody, ARFG1_HUMAN antibody, Arfgap1 antibody, GAP protein antibody, HRIHFB2281 antibody

UniProt: [Q8N6T3](#)

Pathways: [p53 Signaling](#), [ER-Nucleus Signaling](#), [Unfolded Protein Response](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

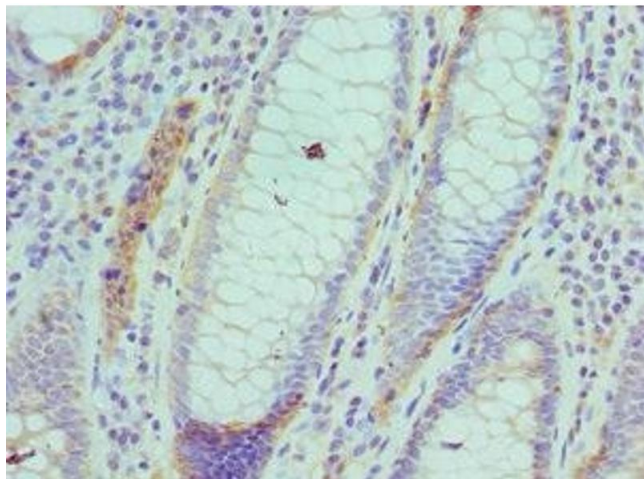
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

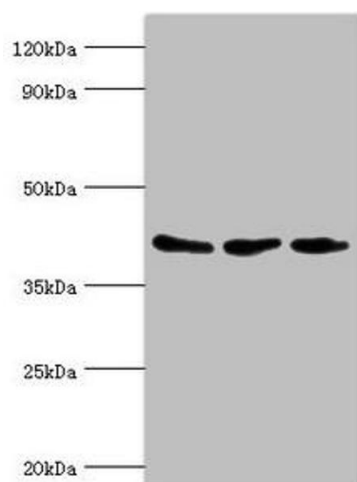
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7143460 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: ADP-ribosylation factor GTPase-activating protein 1 antibody at 8 µg/mL Lane 1: PC-3 whole cell lysate Lane 2: Hela whole cell lysate Lane 3: Mouse brain tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 45, 46, 32, 40 kDa Observed band size: 45 kDa