ARFGAP1 Antibody

PACO43152

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:2000, IHC:1:20-1:200

Protein 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 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 phosphoinosides and inhibited by phosphatidylcholine.

Gene ID:

ARFGAP1

Uniprot

Q8N6T3

Synonyms:

ADP-ribosylation factor GTPase-activating protein 1 (ARF GAP 1) (ADP-ribosylation factor 1 GTPase-activating protein) (ARF1 GAP) (ARF1-directed GTPase-activating protein), ARFGAP1, ARF1GAP

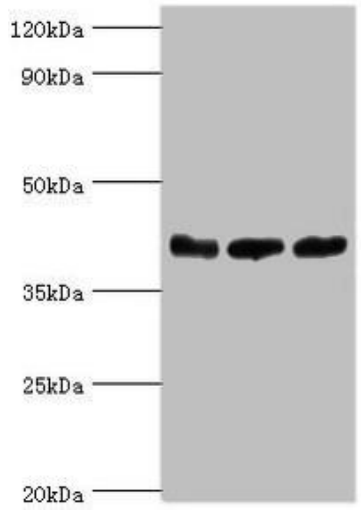
Immunogen:

Recombinant Human ADP-ribosylation factor GTPase-activating protein 1 protein (1-220AA).

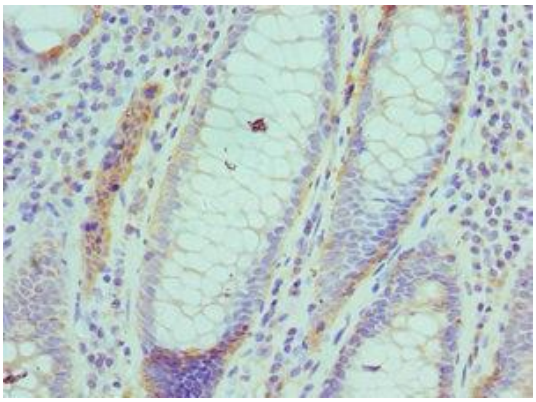
Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot. All lanes: ADP-ribosylation factor GTPase-activating protein 1 antibody at 5µg/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.



Immunohistochemistry of paraffin-embedded human colon cancer using PACO43152 at dilution of 1:100.

