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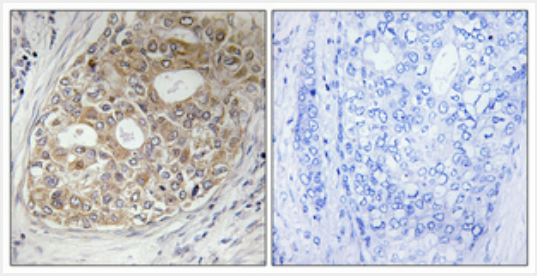
ARF GAP1 Polyclonal Antibody
Catalog # AP68489

Specification

ARF GAP1 Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	Q8N6T3
Reactivity	**Human, Mouse, Rat, Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**



ARF GAP1 Polyclonal Antibody - Additional Information

Gene ID 55738

Other Names
ARFGAP1; ARF1GAP; ADP-ribosylation factor GTPase-activating protein 1; ARF GAP 1; ADP-ribosylation factor 1 GTPase-activating protein; ARF1 GAP; ARF1-directed GTPase-activating protein

Dilution
WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage Conditions
-20℃

ARF GAP1 Polyclonal Antibody - Protein Information

Name ARFGAP1

Synonyms ARF1GAP

Function
GTPase-activating protein (GAP) for the ADP ribosylation factor 1 (ARF1). Involved in membrane trafficking and /or vesicle

ARF GAP1 Polyclonal Antibody - 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 (By similarity).

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Cellular Location
Cytoplasm. Golgi apparatus.
Note=Associates with the Golgi complex.

ARF GAP1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture