

## **ARFL1 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP54878

## **Product Information**

**Application** IHC-P, IHC-F, IF, ICC, E

Primary Accession
Reactivity
Rat, Pig
Host
Clonality
Polyclonal
Calculated MW
P40616
Rat, Pig
Rabbit
Polyclonal

## **Additional Information**

Gene ID 400

Other Names ADP-ribosylation factor-like protein 1, ARL1

**Dilution** IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-

10000

**Storage** Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

## **Protein Information**

Name ARL1

**Function** GTP-binding protein that recruits several effectors, such as golgins, arfaptins

and Arf-GEFs to the trans-Golgi network, and modulates their functions at the Golgi complex (PubMed:21239483, PubMed:22679020, PubMed:27373159, PubMed:27436755, PubMed:9624189, PubMed:12972563). Plays thereby a role in a wide range of fundamental cellular processes, including cell polarity, innate immunity, or protein secretion mediated by arfaptins, which were shown to play a role in maintaining insulin secretion from pancreatic beta

cells (PubMed: 22981988).

**Cellular Location** Golgi apparatus membrane; Peripheral membrane protein; Cytoplasmic side.

Golgi apparatus, trans-Golgi network membrane. Membrane; Lipid-anchor

**Tissue Location** Detected in heart, liver, lung and liver (at protein level). Detected in fetal

heart, lung, liver and kidney Detected in adult heart, placenta, lung, liver,

skeletal muscle, kidney and pancreas.

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