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# ARFL1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54878

## Product Information

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|---|---|
| **Application** | IHC-P, IHC-F, IF, ICC, E |
| **Primary Accession** | P40616 |
| **Reactivity** | Rat, Pig |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 20418 |

## Additional Information

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|---|---|
| **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

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| **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. |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.