

## ARFGAP1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:**45kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human ARFGAP1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

ARF1GAP; HRIHFB2281;

**Catalog #:**A7118

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**55738

**Isotype:**IgG

**Swiss Prot:**Q8N6T3

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is a GTPase-activating protein, which associates with the Golgi apparatus and which interacts with ADP-ribosylation factor 1. The encoded protein promotes hydrolysis of ADP-ribosylation factor 1-bound GTP and is required for the dissociation of coat proteins from Golgi-derived membranes and vesicles. Dissociation of the coat proteins is required for the fusion of these vesicles with target compartments. The activity of this protein is stimulated by phosphoinositides and inhibited by phosphatidylcholine. Alternative splicing results in multiple transcript variants.

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