

## RHOC

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

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

**Calculated MW:**22kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human RHOC

**Storage Buffer:**

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

**Synonym:**

RHOC; ARH9; ARHC; H9; MGC1448; MGC61427; RHOH9 ;

**Catalog #:**A1062

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**389

**Isotype:**IgG

**Swiss Prot:**P08134

**Purity:**Affinity purification

For research use only.

**Background:**

Rho family small GTPases, including Rho, Rac and cdc42, act as molecular switches, regulating processes such as cell migration, adhesion, proliferation and differentiation. They are activated by guanine nucleotide exchange factors (GEFs), which catalyze the exchange of bound GDP for GTP, and inhibited by GTPase activating proteins (GAPs), which catalyze the hydrolysis of GTP to GDP. A third level of regulation is provided by the stoichiometric binding of Rho GDP dissociation inhibitor (RhoGDI) (1). RhoA, RhoB and RhoC are highly homologous, but appear to have divergent biological functions. Carboxy-terminal modifications and differences in subcellular localization allow these three proteins to respond to and act on distinct signaling molecules (2,3).

**To place an order, please [Click HERE](#).**