

## RACGAP1

**Reactivity:** Human Mouse

**Tested applications:** WB IHC IF IP

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:20 - 1:50

**Calculated MW:** 71kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human RACGAP1

**Storage Buffer:**

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

**Concentration:**

1 mg/ml

**Synonym:**

CYK4; ID-GAP; HsCYK-4; MgcRacGAP;

**Catalog #:** A5298

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 29127

**Isotype:** IgG

**Swiss Prot:** Q9H0H5

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene belongs to the GTPase-activating protein (GAP) family. GAPs bind activated forms of Rho GTPases and stimulate GTP hydrolysis. Through this catalytic function, GAPs negatively regulate Rho-mediated signals. This protein plays a regulatory role in initiation of cytokinesis, controlling cell growth and differentiation of hematopoietic cells, regulating spermatogenesis, and in neuronal proliferation. Alternatively spliced transcript variants have been found for this gene.

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