

**Anti-Human/Mouse RGS1 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA11773**

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3th Edition

**Description:** This gene encodes a member of the regulator of G-protein signalling family. This protein is located on the cytosolic side of the plasma membrane and contains a conserved, 120 amino acid motif called the RGS domain. The protein attenuates the signalling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPase activating protein (GAP), increasing the rate of conversion of the GTP to GDP.

**Antigen:** Recombinant protein of human RGS1

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:** B-cell specific. Expression is relatively low in B-cells and chronic lymphocytic leukemia B-cells; however, in other types of malignant B-cell such as non-Hodgkin lymphoma and hairy cell leukemia, expression is constitutively high.