

RGS1 Polyclonal Antibody

Catalog # AP73742

Specification

RGS1 Polyclonal Antibody - Product Information

Application WB
Primary Accession 008116

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

RGS1 Polyclonal Antibody - Additional Information

Gene ID 5996

Other Names

RGS1; 1R20; BL34; IER1; Regulator of G-protein signaling 1; RGS1; B-cell activation protein BL34; Early response protein 1R20

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

RGS1 Polyclonal Antibody - Protein Information

Name RGS1

Synonyms 1R20, BL34, IER1

Function

Regulates G protein-coupled receptor signaling cascades, including signaling downstream of the N-formylpeptide chemoattractant receptors and leukotriene receptors (PubMed:10480894). Inhibits B cell chemotaxis toward CXCL12 (By similarity). Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form (PubMed:10480894, PubMed:18434541).

Cellular Location

Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytosol

Tissue Location

Detected in peripheral blood monocytes (PubMed:10480894). Expression is relatively low in B-cells



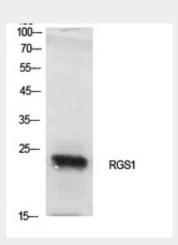
and chronic lymphocytic leukemia B-cells; however, in other types of malignant B- cell such as non-Hodgkin lymphoma and hairy cell leukemia, expression is constitutively high (PubMed:8473738).

RGS1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

RGS1 Polyclonal Antibody - Images



Western Blot analysis of NIH-3T3 cells using RGS1 Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000

RGS1 Polyclonal Antibody - Background

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