

## Anti-RGS1 Antibody (aa102-151)

Rabbit Anti Human Polyclonal Antibody Catalog # ALS18052

## **Specification**

# Anti-RGS1 Antibody (aa102-151) - Product Information

Application WB, IHC-P, E
Primary Accession 008116

Predicted Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Isotype IgG

Calculated MW 23858

Dilution WB~~1:1000 IHC-P~~N/A E~~N/A

# Anti-RGS1 Antibody (aa102-151) - Additional Information

**Gene ID 5996** 

Alias Symbol RGS1

**Other Names** 

RGS1, 1R20, B-cell activation protein BL34, BL34, Early response protein 1R20, IER1, IR20

## Target/Specificity

RGS1 Antibodyantibody detects endogenous levels of RGS1.

## **Reconstitution & Storage**

Immunoaffinity purified

### **Precautions**

Anti-RGS1 Antibody (aa102-151) is for research use only and not for use in diagnostic or therapeutic procedures.

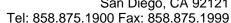
### Anti-RGS1 Antibody (aa102-151) - Protein Information

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:<a href="http://www.uniprot.org/citations/10480894" target="\_blank">10480894</a>). 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:<a href="http://www.uniprot.org/citations/10480894" target="\_blank">10480894</a>,





PubMed:<a href="http://www.uniprot.org/citations/18434541" target=" blank">18434541</a>).

#### **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).

# Anti-RGS1 Antibody (aa102-151) - Protocols

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

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

Anti-RGS1 Antibody (aa102-151) - Images