

**Anti-RGS1 Antibody (aa102-151)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS18052****Specification**

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

Application	WB, IHC-P, E
Primary Accession	<a href="#">Q08116</a>
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

<b>Alias Symbol</b>	<b>RGS1</b>
<b>Other Names</b>	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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-RGS1 Antibody (aa102-151) - Images**