

**RGS1 Polyclonal Antibody**  
**Catalog # AP72253****Specification**

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**RGS1 Polyclonal Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">Q08116</a>
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. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

**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:<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

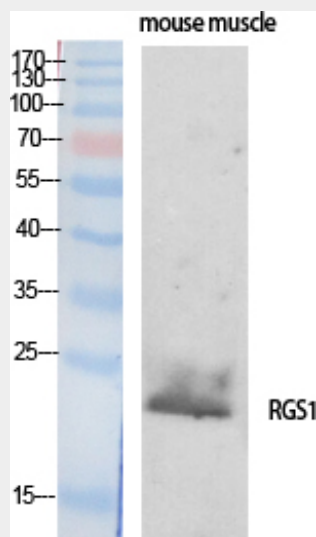
Detected in peripheral blood monocytes (PubMed:10480894). Expression is relatively low in B-cells and chronic lymphocytic leukemia B-cells; however, in other types of malignant B- cell such as non-Hodgkin lymphoma and hairy cell leukemia, expression is constitutively high (PubMed:8473738).

### 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](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### RGS1 Polyclonal Antibody - Images



### RGS1 Polyclonal Antibody - Background

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