

# Rgs1 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12167

## Product Information

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9JL25</a>
<b>Other Accession</b>	<a href="#">NM_015811</a> , <a href="#">NP_056626</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Dog, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	24107

## Additional Information

<b>Gene ID</b>	50778
<b>Alias Symbol</b>	BL34
<b>Other Names</b>	Regulator of G-protein signaling 1, RGS1, Rgs1
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-Rgs1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	Rgs1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

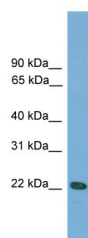
<b>Name</b>	Rgs1
<b>Function</b>	Regulates G protein-coupled receptor signaling cascades, including signaling downstream of the N-formylpeptide chemoattractant receptors and leukotriene receptors. Inhibits B cell chemotaxis toward CXCL12 (PubMed: <a href="#">10779778</a> ). Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form (By similarity).
<b>Cellular Location</b>	Cell membrane {ECO:0000250 UniProtKB:Q08116}; Peripheral membrane protein {ECO:0000250 UniProtKB:Q08116}; Cytoplasmic side {ECO:0000250 UniProtKB:Q08116}. Cytoplasm, cytosol {ECO:0000250 UniProtKB:Q08116}

## Tissue Location

Detected in spleen, lymph node and intestine.

## Images

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WB Suggested Anti-Rgs1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:1562500

Positive Control: Mouse Uterus

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.