10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Rgs1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12167

Product Information

Application	WB
Primary Accession	Q9JL25
Other Accession	NM_015811, NP_056626
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24107

Additional Information

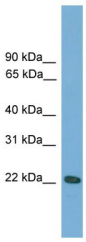
Gene ID	50778
Alias Symbol	BL34
Other Names	Regulator of G-protein signaling 1, RGS1, Rgs1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Rgs1 antibody concentration is 1 mg/ml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

Protein Information

Name	Rgs1
Function	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:10779778). Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form (By similarity).
Cellular Location	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



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'.