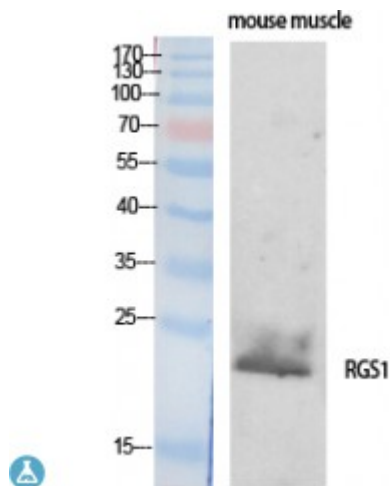


Anti-RGS1 antibody



Description	Rabbit polyclonal to RGS1.
Model	STJ95435
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human RGS1
Immunogen Region	90-170 aa, Internal
Gene ID	5996
Gene Symbol	RGS1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	RGS1 Polyclonal Antibody detects endogenous levels of RGS1 protein.
Tissue Specificity	Detected in peripheral blood monocytes . 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 .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Regulator of G-protein signaling 1 RGS1 B-cell activation protein BL34 Early response protein 1R20

Molecular Weight	22 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:9991OMIM:600323
Alternative Names	Regulator of G-protein signaling 1 RGS1 B-cell activation protein BL34 Early response protein 1R20
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 . Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form .
Cellular Localization	Cell membrane Cytoplasm, cytosol

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com