

# Anti-RGS1/8/16 (pY187/159/168) Antibody

Catalog # AP54058

## Product Information

Application	WB
Primary Accession	<a href="#">Q08116</a>
Other Accession	<a href="#">Q15492</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23858

## Additional Information

Gene ID	5996
Other Names	RGSR; Regulator of G-protein signaling 16; RGS16; A28-RGS14P; Retinal-specific RGS; RGS-r; hRGS-r; Retinally abundant regulator of G-protein signaling
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human RGS1/8/16 (pY187/159/168). The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

## 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="#">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="#">10480894</a> , PubMed: <a href="#">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).

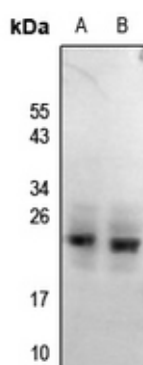
## Background

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Rabbit polyclonal antibody to RGS1/8/16 (pY187/159/168)

## Images

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Western blot analysis of RGS1/8/16 (pY187/159/168) expression in mouse eyes (A), rat eyes (B) whole cell lysates.

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