# antibodies -online.com







# anti-RGS14 antibody (AA 151-250) (AbBy Fluor® 750)



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Quantity:	100 μL
Target:	RGS14
Binding Specificity:	AA 151-250
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS14 antibody is conjugated to AbBy Fluor® 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human RGS14
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow
Purification:	Purified by Protein A.

### Target Details

Target:	RGS14
Alternative Name:	RGS14 (RGS14 Products)

### **Target Details**

Background:	Synonyms: Highly similar to rap1/rap2 interacting protein, OTTHUMP00000223586,		
	OTTHUMP00000223587, Regulation of G protein signaling 14, Regulator of G protein signaling		
	14, Regulator of G protein signalling 14, Regulator of G-protein signaling 14, RGS 14, RGS14,		
	RGS14_HUMAN.		
	Background: RGS14 is a member of the regulator of G-protein signaling family. This protein		
	contains one RGS domain, two Raf-like Ras-binding domains (RBDs), and one GoLoco domain.		
	The protein attenuates the signaling activity of G-proteins by binding, through its GoLoco		
	domain, to specific types of activated, GTP-bound G alpha subunits. Acting as a GTPase		
	activating protein (GAP), the protein increases the rate of conversion of the GTP to GDP. This		
	hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming		
	inactive G-protein heterotrimers, thereby terminating the signal. Alternate transcriptional splice		
	variants of this gene have been observed but have not been thoroughly characterized.		
Gene ID:	10636		
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein		
	Signaling, Platelet-derived growth Factor Receptor Signaling		
Application Details			
Application Notes:	IF(IHC-P) 1:50-200		
	IF(IHC-F) 1:50-200		
	IF(ICC) 1:50-200		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	1 μg/μL		
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and		
	50 % Glycerol.		
Preservative:	ProClin		
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be		
	handled by trained staff only.		
Storage:	-20 °C		
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.		

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Expiry Date:

12 months