

Datasheet for ABIN913521

anti-RGS5 antibody (AA 81-181) (AbBy Fluor® 647)



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Overview

Quantity:	100 µL
Target:	RGS5
Binding Specificity:	AA 81-181
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS5 antibody is conjugated to AbBy Fluor® 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse RGS5
Isotype:	IgG
Specificity:	This antibody may have a minor secondary cross-reactivity to the related proteins RGS3 and RGS4 based on a 67 % and 73 % non-sequential sequence similarity, respectively.
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	RGS5
Alternative Name:	RGS5 (RGS5 Products)
Background:	Synonyms: 1110070A02Rik, Regulator of G-protein signaling 5, RGS5 Background: Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Binds to G(i)-alpha and G(o)-alpha, but not to G(s)-alpha.
Gene ID:	19737
UniProt:	O08850
Pathways:	Myometrial Relaxation and Contraction , Regulation of G-Protein Coupled Receptor Protein 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.
Expiry Date:	12 months