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Datasheet for ABIN7167614

anti-RGS4 antibody (AA 1-205) (HRP)

Overview

Quantity:	100 µg
Target:	RGS4
Binding Specificity:	AA 1-205
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS4 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Regulator of G-protein signaling 4 protein (1-205AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RGS4
Alternative Name:	RGS4 (RGS4 Products)
Background:	Background: Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Activity on G(z)-alpha is

Target Details

inhibited by phosphorylation of the G-protein. Activity on G(z)-alpha and G(i)-alpha-1 is inhibited by palmitoylation of the G-protein.

Aliases: MGC2124 antibody, MGC60244 antibody, Regulator of G protein signalling 4 antibody, Regulator of G-protein signaling 4 antibody, RGP 4 antibody, RGP4 antibody, RGS 4 antibody, RGS4 antibody, RGS4_HUMAN antibody, Schizophrenia disorder 9 antibody, SCZD 9 antibody, SCZD9 antibody

UniProt: [P49798](#)

Pathways: [Myometrial Relaxation and Contraction](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.