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Datasheet for ABIN7167627

anti-Regulator of G Protein Signaling 9 Binding Protein (RGS9BP) (AA 1-210) antibody (Biotin)

Overview

Quantity:	100 µL
Target:	Regulator of G Protein Signaling 9 Binding Protein (RGS9BP)
Binding Specificity:	AA 1-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Regulator of G-protein signaling 9-binding protein (1-210AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	Regulator of G Protein Signaling 9 Binding Protein (RGS9BP)
Alternative Name:	RGS9BP (RGS9BP Products)
Background:	Background: Regulator of G protein-coupled receptor (GPCR) signaling in phototransduction. Participates in the recovery phase of visual transduction via its interaction with RGS9-1 isoform.

Target Details

Acts as a membrane-anchor that mediates the targeting of RGS9-1 to the photoreceptor outer segment, where phototransduction takes place. Enhances the ability of RGS9-1 to stimulate G protein GTPase activity, allowing the visual signal to be terminated on the physiologically time scale. It also controls the proteolytic stability of RGS9-1, probably by protecting it from degradation (By similarity).

Aliases: RGS9BP antibody, R9AP antibody, Regulator of G-protein signaling 9-binding protein antibody, RGS9-anchoring protein antibody

UniProt: [Q6ZS82](#)

Pathways: [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.