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## anti-Regulator of G Protein Signaling 9 Binding Protein (RGS9BP) (N-Term) antibody



Go to Product pag

### 1 Image

Overview	
Quantity:	100 μL
Target:	Regulator of G Protein Signaling 9 Binding Protein (RGS9BP)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Zebrafish (Danio rerio), Cow, Guinea Pig, Mouse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

#### **Product Details**

Sequence:	EECKALLDGL NKTTACYHHL VLTVGGSADS QNLRQELQKT RQKAQELAVS
Predicted Reactivity:	Cow: 93%, Guinea Pig: 86%, Human: 100%, Mouse: 86%, Rabbit: 86%, Rat: 86%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against RGS9BP. It was validated on Western Blot.
Purification:	Affinity Purified

#### Target Details

Target:	Regulator of G Protein Signaling 9 Binding Protein (RGS9BP)
Alternative Name:	RGS9BP (RGS9BP Products)
Background:	The protein encoded by this gene functions as a regulator of G protein-coupled receptor
	signaling in phototransduction. Studies in bovine and mouse show that this gene is expressed

only in the retina, and is localized in the rod outer segment membranes. This protein is associated with a heterotetrameric complex, specifically interacting with the regulator of G-protein signaling 9, and appears to function as the membrane anchor for the other largely soluble interacting partners. Mutations in this gene are associated with prolonged electroretinal response suppression (PERRS), also known as bradyopsia.

Alias Symbols: FLJ45744, PERRS, R9AP, RGS9

Protein Interaction Partner: RGS9,

Protein Size: 235

 Molecular Weight:
 25 kDa

 Gene ID:
 388531

 NCBI Accession:
 NM\_207391, NP\_997274

 UniProt:
 Q6ZS82

Pathways: Regulation of G-Protein Coupled Receptor Protein Signaling

#### **Application Details**

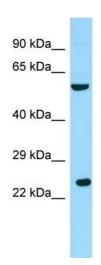
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 235 AA
Restrictions:	For Research Use only

#### Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

#### **Images**



Host: Rabbit

Target Name: RGS9BP

Sample Tissue: Hela Cell Lysate Antibody Dilution: 1.0µg/ml

#### **Western Blotting**

Image 1. Host: Rabbit

Target Name: RGS9BP

Antibody Dilution: 1.0ug/ml

Sample Tissue: Hela cell lysate