

Datasheet for ABIN2790130
**anti-Regulator of G Protein Signaling 9 Binding Protein
(RGS9BP) (N-Term) antibody**

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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

Target Details

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.

