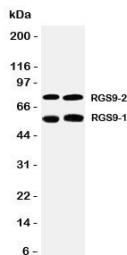


## RGS9 Antibody / Regulator of G-protein signaling 9 (R31365)

Catalog No.	Formulation	Size
R31365	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	O75916
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This RGS9 antibody is available for research use only.



Western blot testing of RGS9 antibody and Lane 1: rat brain; 2: mouse brain tissue lysate. Predicted molecular weight: 50-77 kDa (multiple isoforms).

### Description

Regulator of G-protein signaling 9 is a protein involved in regulation of signal transduction inside cells. The RGS9 gene encodes a member of the RGS family of GTPase activating proteins that function in various signaling pathways by accelerating the deactivation of G proteins. This protein is anchored to photoreceptor membranes in retinal cells and deactivates G proteins in the rod and cone phototransduction cascades. Mutations in this gene result in bradyopsia. Multiple transcript variants encoding different isoforms have been found for this gene.

### Application Notes

The stated application concentrations are suggested starting amounts. Titration of the RGS9 antibody may be required

due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

An amino acid sequence from the C-terminus of human Regulator of G-protein signaling 9 (LKSKRVANFFQIKMD) was used as the immunogen for this RGS9 antibody.

## **Storage**

After reconstitution, the RGS9 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.