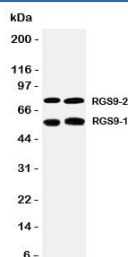


RGS9 Antibody / Regulator of G-protein signaling 9 (R31365)

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

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	O75916
Applications	Western Blot : 0.5-1ug/ml
Limitations	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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.