

## Product datasheet for TA358909

### RGS9BP Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish <b>Homology:</b> Cow: 93%; Guinea Pig: 86%; Human: 100%; Mouse: 86%; Rabbit: 86%; Rat: 86%; Zebrafish: 79%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	25kDa
Gene Name:	regulator of G-protein signaling 9 binding protein
Database Link:	<a href="#">NP_997274</a> <a href="#">Entrez Gene 388531 Human</a> <a href="#">Q6ZS82</a>



**Background:**

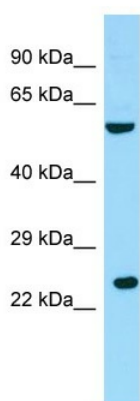
The protein encoded by this gene functions as a regulator of G protein-coupled receptor signaling in phototransduction. Studies in bovine and mouse show that this gene is expressed only in the retina, and is localized in the rod outer segment membranes. This protein is associated with a heterotetrameric 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.

**Synonyms:**

FLJ45744; PERRS; R9AP; RGS9

**Protein Families:**

Transmembrane

**Product images:**

Host: Rabbit

Target Name: RGS9BP

Antibody Dilution: 1.0ug/ml

Sample Type: HeLa cell lysate