

Product datasheet for **TA355649**

RGS20 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	100% homologous to isoforms 1, 2, 4-6.

Expected reactivity: Guinea Pig, Horse, Human, Mouse, Rat

Homology: Guinea Pig: 79%; Horse: 79%; Human: 100%; Mouse: 85%; Rat: 79%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Note that this product is shipped as lyophilized powder to China customers.

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: 27kDa

Gene Name: regulator of G-protein signaling 20

Database Link: [NP_003693](#)
[Entrez Gene 8601 Human](#)
[O76081](#)



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Background:

The protein encoded by this gene belongs to the family of regulator of G protein signaling (RGS) proteins, which are regulatory and structural components of G protein-coupled receptor complexes. RGS proteins inhibit signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound forms. This protein selectively binds to G(z)-alpha and G(alpha)-i2 subunits, and regulates their signaling activities. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Synonyms:

G(z)GAP; Gz-GAP; RGSZ1; ZGAP1

Protein Families:

Druggable Genome

Product images:

WB Suggested Anti-RGS20 Antibody
Titration: 1.0 ug/ml
Positive Control: COLO205 Whole Cell