

## Product datasheet for **TA334730**

### RGS17 Rabbit Polyclonal Antibody

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Recommended Dilution:   | WB  |
| Reactivity:             | Human   |
| Host:                   | Rabbit  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | The immunogen for anti-RGS17 antibody is: synthetic peptide directed towards the C-terminal region of Human RGS17. Synthetic peptide located within the following region:<br>NRNLLDPNPHMYEDAQLQIYTLMHRDSFPRFLNSQIYKSFVESTAGSSSE |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.<br><i>Note that this product is shipped as lyophilized powder to China customers.</i>   |
| Purification:           | Affinity Purified   |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 23 kDa  |
| Gene Name:              | regulator of G-protein signaling 17   |
| Database Link:          | <a href="#">NP_036551</a><br><a href="#">Entrez Gene 26575 Human</a><br><a href="#">Q9UGC6</a>  |



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**Background:**

This gene encodes a member of the regulator of G-protein signaling family. This protein contains a conserved, 120 amino acid motif called the RGS domain and a cysteine-rich region. The protein attenuates the signaling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPase activating protein (GAP), increasing the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal.

**Synonyms:**

hRGS17; RGS-17; RGSZ2

**Note:**

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Mouse: 93%

**Protein Families:**

Druggable Genome

**Product images:**

Host: Rabbit

Target Name: RGS17

Sample Tissue: COLO205 Cell Lysate

Antibody Dilution: 1.0 µg/ml

Host: Rabbit; Target Name: RGS17; Sample Tissue: COLO205 Whole Cell lysates; Antibody Dilution: 1.0 ug/ml