

## Product datasheet for **TA330399**

### RGS5 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-RGS5 antibody: synthetic peptide directed towards the middle region of human RGS5. Synthetic peptide located within the following region: PGLAKPQHVTETTFHPDPNWKNFQKPGTWRGSLDESSLGFGYPKFIHQDI
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	21 kDa
Gene Name:	regulator of G-protein signaling 5
Database Link:	<a href="#">NP_003608</a> <a href="#">Entrez Gene 8490 Human</a> <a href="#">O15539</a>



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**Background:**

The regulator of G protein signaling (RGS) proteins are signal transduction molecules that have structural homology to SST2 of *Saccharomyces cerevisiae* and EGL-10 of *Caenorhabditis elegans*. Multiple genes homologous to SST2 are present in higher eukaryotes. RGS proteins are involved in the regulation of heterotrimeric G proteins by acting as GTPase activators. The regulator of G protein signaling (RGS) proteins are signal transduction molecules that have structural homology to SST2 of *Saccharomyces cerevisiae* and EGL-10 of *Caenorhabditis elegans*. Multiple genes homologous to SST2 are present in higher eukaryotes. RGS proteins are involved in the regulation of heterotrimeric G proteins by acting as GTPase activators. [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ\_SPAN PRIMARY\_IDENTIFIER PRIMARY\_SPAN COMP 1-663 AU130764.1 1-663 664-2587 BX537427.1 499-2422 2588-3235 BU187973.1 34-681 3236-3746 AL600981.1 90-600 3747-4143 AA486366.1 76-472 4144-4358 AA974387.1 113-327 c 4359-4664 BX537427.1 4194-4499 4665-5573 AF176919.1 724-1632 5574-5848 BX537427.1 5409-5683

**Synonyms:**

MST092; MST106; MST129; MSTP032; MSTP092; MSTP106; MSTP129

**Note:**

Immunogen sequence homology: Bovine: 100%; Dog: 100%; Human: 100%; Guinea pig: 92%; Mouse: 84%; Rat: 84%; Pig: 76%

**Protein Families:**

Druggable Genome

**Product images:**

WB Suggested Anti-RGS5 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Human heart

# RGS5

