

OriGene Technologies, Inc.

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Product datasheet for TA355649

RGS20 Rabbit Polyclonal Antibody

Product data:

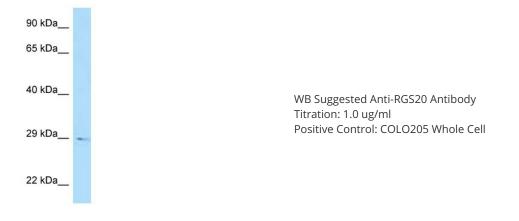
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	100% homologous to isoforms 1, 2, 4-6.
	Expected reactivity : Guinea Pig, Horse, Human, Mouse, Rat Homology : Guinea Pig: 79%; Horse: 79%; Human: 100%; Mouse: 85%; Rat: 79%
Formulation:	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:	<u>NP_003693</u> <u>Entrez Gene 8601 Human</u> <u>O76081</u>



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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:



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