

Product datasheet for **TA357609**

Somatostatin Receptor 5 (SSTR5) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SSTR5
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish Homology: Cow: 100%; Dog: 100%; Guinea Pig: 92%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 77%; Rat: 100%; Sheep: 100%; Zebrafish: 92%
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>
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:	40 kDa
Gene Name:	somatostatin receptor 5
Database Link:	NP_001044 Entrez Gene 6755 Human P35346



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Background: Somatostatin and its related peptide cortistatin exert multiple biological actions on normal and tumoral tissue targets by interacting with somatostatin receptors (SSTRs). The protein encoded by this gene is one of the SSTRs, which is a multi-pass membrane protein and belongs to the G-protein coupled receptor 1 family. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase, and different regions of this receptor molecule are required for the activation of different signaling pathways. A mutation in this gene results in somatostatin analog resistance. Alternatively spliced transcript variants have been identified in this gene.

Synonyms: OTTHUMP00000158593; SS5R

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

Product images:

