

Product datasheet for **TA364218**

Somatostatin (SST) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Somatostatin-28. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human, Mammalian
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Ser-Ala-Asn-Ser-Asn-Pro-Ala-Met-Ala-Pro-Arg-Glu- Arg-Lys-Ala-Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Thr-Ser-Cys- OH (Disulfide bond) coupled to carrier protein.
Formulation:	Each vial contains enough antiserum for 500 RIA tubes. The powder should be rehydrated with 50ml RIA buffer. Upon reconstitution to 50ml total volume, the solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN ₃ , and 0.1% Triton X-100. Store at 4°C. This should ensure antibody stability for approximately one month.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Gene Name:	somatostatin
Database Link:	Entrez Gene 6750 Human P61278
Background:	Somatostatin-28 is a 28-residue peptide that occurs naturally in mammals. It is a precursor of Somatostatin-14 which it contains at its N-terminus. Both are pharmacological inhibitors, even though they differ in certain specific effects. The shorter 14-mer Somatostatin is a cyclic oligopeptide with a short biological half-life, found in the gastrointestinal tract and the pancreas, as well as in the central and peripheral nervous systems. Analogs of Somatostatin have been developed for therapeutic application, such as Octreotide. This antibody was generated by immunization of rabbits with Somatostatin-28 coupled to a carrier protein.
Synonyms:	SMST; somatostatin; somatostatin-14; somatostatin-28



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