

Product datasheet for TA363946

OriGene Technologies, Inc.

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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-14. 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-Ala-Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr-Phe- Thr-Ser-Cys-OH (Disulfide

bond) coupled to carrier protein.

Formulation: This polyclonal antibody is supplied as a lyophilized powder. The powder should be

rehydrated with 50ml of 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% NaN3, and 0.1% Triton X-100. Store at 4° - 8°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-14 is a naturally occurring 14-residue peptide. It is found in the gastrointestinal

tract and the pancreas, as well as in the central and peripheral nervous systems.

Somatostatin-14 is a cyclic oligopeptide, which in mammals is found as a shorter 14-mer and a longer 28-mer. Because of its short biological half- life (few minutes), analogues have been developed for therapeutic application, such as Octreotide. This antibody was generated by

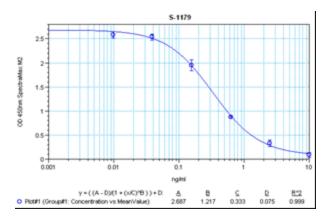
immunization of rabbits with Somatostatin-14 coupled to a carrier protein.

Synonyms: SMST; somatostatin; somatostatin-14; somatostatin-28





Product images:



Typical titration curve of Somatostatin-14 in a competitive ELISA with this antibody