



## Polyclonal Anti- Somatostatin (Sephacrose Bead Conjugate)

**Catalogue No.** PA1346-S

**Lot No.** 0131012014699

**Ig type:** rabbit IgG

**Size:** 100µg/vial

**Specificity**

Human, rat, mouse.

No cross reactivity

with other proteins.

**Recommended application**

*(Immunoprecipitation (IP))*

**Immunogen**

A synthetic peptide corresponding to a sequence AGCKNFFWKFTFTSC (1-14 aa), identical to the related mouse and rat sequence.

**Purification**

Immunogen affinity purified.

**Formulation**

50% slurry in PBS pH 7.2

with 0.01mg NaN<sub>3</sub>a<sub>3</sub> preservative.

**Storage**

Store at 4°C for frequent use.

**Description:**

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

### BACKGROUND

Somatostatin is a 14-amino-acid neuropeptide and hormone that inhibits the secretion of several peptide hormones. Southern blot analysis of 41 hybrids, including some containing translocations of human chromosomes, placed SST in the q21 leads to qter region of chromosome 3.1 somatostatin may provide an essential cue for accelerating the movement of granule cells in the early phase and for terminating the movement in the late phase through altering intracellular Ca<sup>2+</sup> concentrations and K<sup>+</sup> channel activity.<sup>2</sup>

### REFERENCE

1、Naylor, S. L., Sakaguchi, A. Y., Shen, L.-P., Bell, G. I., Rutter, W. J., Shows, T. B. Polymorphic human somatostatin gene is located on chromosome 3. Proc. Nat. Acad. Sci. 80: 2686-2689, 1983. 2、Yacubova, E., Komuro, H. Stage-specific control of neuronal migration by somatostatin. Nature 415: 77-81, 2002.

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