



Product Information Sheet

Polyclonal Anti- Somatostatin (*Magnetic Bead Conjugate*)

Catalogue No. PA1346-M

Immunogen

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

Lot No. 0131012014699

Ig type rabbit IgG

Purity

Immunogen affinity purified.

Size 100µg/vial

Contents

Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN₃.

Specificity

Human, rat, mouse

No cross reactivity with other proteins.

Storage

Store at 4°C for frequent use.

Recommended application

ImmunoPrecipitation (IP)

Description

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified magnetic beads. It is useful for immunoprecipitation.

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 Ca²⁺ concentrations and K⁺ channel activity.²

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.