



Product Information Sheet

Polyclonal Anti-Neuron specific enolase, **NSE** (Magnetic Bead Conjugate)

Catalogue No. PA1061-M

Lot No. 03A01

Ig type: rabbit IgG1

Size: 100µg/Vial

Specificity

Human, mouse, rat.

No cross reactivity with other proteins.

Recommended application

Immunoprecipitation (IP)

Immunogen

A peptide mapping at the C-terminus of NSE of human origin, identical to the related mouse and rat sequence.

Purification

Immunogen affinity purified

Contents

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

Storage

Store at 4°C for frequent use.

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

NSE (neuron specific enolase), also known as Enolase 2 (ENO2), is found in elevated concentrations in plasma in certain neoplasias. The enolases catalyze the interconversion of 2-phosphoglycerate to phosphoenolpyruvate in the glycolytic pathway. ENO2 gene contains 12 exons distributed over 9,213 nucleotides. Human neurone-specific enolase is mapped to chromosome 12p13.

REFERENCE

1. Craig, S. P.; Day, I. N. M.; Thompson, R. J.; Craig, I. W. : Localization of human neurone-specific enolase to chromosome 12p13. (Abstract) Cytogenet. Cell Genet. 51: 980 only, 1989.
2. Craig, S. P.; Day, I. N. M.; Thompson, R. J.; Craig, I. W. : Localisation of neurone-specific enolase (ENO2) to 12p13. Cytogenet. Cell Genet. 54: 71-73, 1990.
3. Mattei, J. F.; Baeteman, M. A.; Mattei, M. G.; Ardissonne, J. P.; Giraud, F. : Regional assignments of CS and ENO2 on chromosome 12. (Abstract) Cytogenet. Cell Genet. 32: 297 only, 1982.

For Research Use Only not for diagnostic and clinical use

Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com