



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

Catalogue No. PA1061-S

Lot No. 03A01

Ig type: rabbit IgG

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.

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃ 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

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.

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