



Product Information Sheet

Polyclonal Anti-Neuron specific enolase, **NSE**

Catalogue No. PA1061

Lot No. 03A01

Ig type: rabbit IgG

Size: 100µg/vial

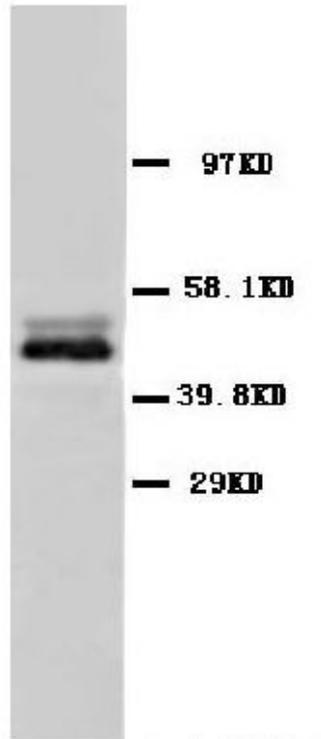
Specificity

Human, mouse, rat.

No cross reactivity with other proteins.

Recommended application

Western blot



Immunogen

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

Purity

Immunogen affinity purified.

Application

Western blot

At 1-2µg/ml with the appropriate system to detect NSE in cells and tissues.

Other applications have not been tested.

Optimal dilutions should be determined by end user.

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

To reorder contact us at:

Antagene, Inc.

Toll Free: 1(866)964-2589

email: Info@antageneinc.com

Reconstitution

0.2ml of distilled water will yield a concentration of 500µg/ml.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC AND CLINICAL USE.

Storage month. It can also be aliquotted and stored frozen at -20°C for longer
At -20°C for one year. After time.
reconstitution, at 4°C for one

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.