



Polyclonal Anti-Neurotrophin-3, NT3 (Sephacose Bead Conjugate)

Catalogue No. PA1062-S

Lot No. 03D01

Ig type: rabbit

IgG Size: 100µg/vial

Specificity

Human, mouse, rat. No cross reactivity with other proteins.

Recommended application

Immunoprecipitation(IP)

Immunogen

A synthetic peptide mapping at the middle region of human neurotrophin-3, identical to the related rat and mouse 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

Neurotrophin-3 is a member of a family of neurotrophic factors, that is closely related to both nerve growth factor and brain derived neurotrophic factor. These proteins are involved in the maintenance of the adult nervous system and affect development of neurons in the embryo when it is expressed in human placenta. NT3 deficient mice generated by gene targeting display severe movement defects of the limbs.

REFERENCE

1. Jones, K. R.; Reichardt, L. F. : Molecular cloning of a human gene that is a member of the nerve growth factor family. *Proc. Nat. Acad. Sci.* 87: 8060-8064, 1990. 2. Rosenthal A., Goeddel D.V., Nguyen T., Lewis M., Shih A., Laramie G.R., Nikolics K., Winslow J.W.;"Primary structure and biological activity of a novel human neurotrophic factor.";Neuron 4:767-773(1990).

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