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## Product Information Sheet

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### **Polyclonal Anti-Neurotrophin-3, *NT3* (Magnetic Bead conjugate)**

**Catalogue No.** PA1062-M

**Lot No.** 03D01

**Ig type:** rabbit IgG

**Size:** 200µl

**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.

**Purity**

Immunogen affinity purified.

**Contents**

Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN<sub>3</sub>.

**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**

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., Laramée 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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