



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

TECHNICALLY *Speaking*

Place your order with CEDARLANE® or your local distributor.

Please contact CEDARLANE® for lot specific information.

Rabbit Anti-Nerve Growth Factor (NGF) (Purified IgG)

CLMCNET-051

Lot: AR9010

DESCRIPTION:

Cedarlane®'s purified rabbit anti-NGF is a high titre and extremely specific antiserum obtained from rabbits that have been immunized with HPLC purified mouse 2.5S NGF. Anti-NGF reacts with the β -subunit of mouse NGF in both the 2.5S and 7S forms.

PRESENTATION:

Anti-NGF, lot# AR9010 is lyophilized from a 1 mg/ml solution of IgG in PBS.

Anti-NGF IgG is obtained by Protein G affinity chromatography of antiserum. Antibodies are dialyzed against PBS, filter sterilized and lyophilized.

RECONSTITUTION:

Reconstitute by adding PBS.

STORAGE AND STABILITY:

Lyophilized stable at 4°C for short term. Lyophilized and reconstituted format stable at -20°C. Prepare aliquots appropriate for single use to avoid repeated freezing and thawing.

APPLICATIONS:

Anti-NGF has been used in a wide variety of studies, including:

- immunosympathectomy of newborn mice and rats^{1,2}
- neutralization of NGF activity in tissue culture^{3,4}, and in vivo⁵
- two-site ELISA and Western Blot⁴ of NGF

Continued Overleaf...

For more information or to place an order please contact...

CEDARLANE®
LABORATORIES LIMITED



toll free: 1-800-268-5058
in North America

phone: (905) 878-8891 • fax: (905) 878-7800

5516 - 8th Line, R.R.#2, Hornby, Ontario, CANADA L0P 1E0

or visit our website for a list of our international distributors including contact information

website: www.cedarlanelabs.com • e-mail: info@cedarlanelabs.com

PURITY:

This product in Ouchterlony double diffusion analysis gives single precipitin lines with crude salivary gland homogenate as well as with purified 7S and 2.5S NGF.

On Western blots, the IgG fraction of the anti-NGF labels NGF precursors and the 13.5 kDa bands corresponding to the 2.5S NGF monomer⁴. No antibodies bind to mouse serum proteins, renin or epidermal growth factor.

TITRE:

In the standard bioassay, lot# AR9010 completely neutralizes 3 ng/ml 2.5S NGF (=10ng/ml 7S NGF) at a concentration of 0.5 µg/ml.

REFERENCES:

1. Lee, R.M.K.W., Coughlin, M.D. and Cheung, D.W.T.: Relationship between sympathetic innervation, vascular changes and hypertension in spontaneously hypertensive rats. *J. Hypertension*, **4** (Suppl. 3): S81-S83, 1986.
2. Lee, R.M.K.W., Triggler, C.R., Cheung, D.W.T. and Coughlin, M.D.: Structural and functional consequences of neonatal sympathectomy on blood vessels of spontaneously hypertensive rats. *Hypertension* **10**: 328-338, 1987.
3. Coughlin, M.D. and Collins, M.B., (1985) Nerve growth factor-independent development of embryonic mouse sympathetic neurons in dissociated cell culture. *Dev. Biol.* **110**, 392-401.
4. Matsuda, H., Coughlin, M.D., Bienenstock, J. and Denburg, J.A.: Nerve growth factor promotes human hemopoietic colony growth and differentiation. *Proc. Natl. acad. Sci. (U.S.A.)* **85**: 6508-6512, 1988.
5. Diamond, J., Coughlin, M.D., MacIntyre, L., Holmes, M. and Vishneau, B.: Evidence that endogenous β nerve growth factor is responsible for the collateral sprouting, but not the regeneration, of nociceptive axons in adult rats. *Proc. Natl. Acad. Sci. (U.S.A.)* **84**: 6595-6600, 1987.