



NT-3 (Neurotrophin 3, Neurotrophin-3, NT3, NTF3, HDNF, MGC129711, Nerve Growth Factor 2, Nerve Growth Factor-2, NGF2, NGF-2, Neurotrophic Factor)

Catalog number

N6000-05H

Supplier

United States Biological

Seems to promote the survival of visceral and proprioceptive sensory neurons.

Cellular Localization

Secreted protein.

Tissue Specificity

Brain and peripheral tissues. Belongs to the NGF-beta family.

Applications

Suitable for use in ELISA, Western Blot and Immunohistochemistry. Other applications not tested.

Recommended Dilution

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot. Store at -20°C. Aliquots are stable for at least 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Immunogen

A synthetic peptide (YAEHKSHRGEY) as part of human, mouse and rat NT3 protein conjugated to BSA.

Formulation

Supplied as a lyophilized powder. Reconstitute in 100ul of sterile water.

Purity

Serum

Specificity

A cross reactivity of less than 0.1% to mouse NGF, recombinant human BDNF and NT4/5 has been shown by dot blot. Species Crossreactivity: This antiserum is known to react with rat, chicken and human NT3.

Product Type

Pab

**Source**

human

Isotype

IgG

Grade

Serum

Applications

E IHC WB

Crossreactivity

Ch Hu Rt

Storage

-20°C

Reference

Zouh et al. (1996) Mol. Neurobio. 13(3): 185-97 ; Rush et al. (1997) Clin. Exp. Pharmacol. 24: 549-55 ; Tafreshi et al. (1998) Neurosci. 83(2): 373-80