



NT-4 (Neurotrophin 4, Neurotrophin-4, NT4, Neutrophic Factor 4, NTF4, Neurotrophin 4/5, NT-4/5, NTF4/5, Neurotrophin 5, Neurotrophin-5, NT5, NT-5, Neutrophic Factor 5, NTF5)

Catalog number

N6000-13E

Supplier

United States Biological

Target-derived survival factor for peripheral sensory sympathetic neurons.

Cellular Localization

Secreted protein.

Tissue Specificity

Highest levels in prostate, lower levels in thymus, placenta, and skeletal muscle. Expressed in embryonic and adult 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

Recombinant human NT4.

Formulation

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

Purity

Serum

Specificity

Less than 1% crossreactivity against NGF, recombinant human BDNF and 5% to NT3 has been shown by 1-site ELISA. Species Crossreactivity: Known to react with NT4 from rat and human, mouse and monkey.

Product Type



Pab

Source

human

Isotype

IgG

Grade

Serum

Applications

E IHC WB

Crossreactivity

Hu Mk Mo Rt

Storage

-20°C

Reference

Lodouichi (2000) J. Neurosci. 20(6): 2155 ; Zhang et al. (1999) J Neurosci. Meths. 89 (1): 69