Anti-Native-NGF antibody (STJ13100189)

STJ13100189

GENERAL INFORMATION

Product Type Primary antibodies

Short Description Nz White Rabbit polyclonal antibody anti-Native-NGF is suitable for use in Immunohistochemistry and Western Blot research applications.

Applications IHC, WB

Host/Source NZ White Rabbit

Reactivity Mouse, Rat, Human

PRODUCT PROPERTIES

Clonality Polyclonal

Clone ID

Concentration

Conjugation Unconjugated

Purification Whole serum

Dilution Range A dilution of 1:2000 is recommended for WB and 1:1000 to 1:2000 for IHC-P; for inhibition of biological activities a dilution of up to 1:100 is recommended and for in vivo 1-20 µl per gram body weight. The optimal dilution should be determined by the

Formulation Shipped as lyophilised. Reconstitute in 150 µl of sterile water. Centrifuge to remove any insoluble material.

Isotype IgG

Storage Instruction Maintain the lyophilised/reconstituted antibodies frozen at-20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

TARGET INFORMATION

Gene ID 4803

Gene Symbol NGF

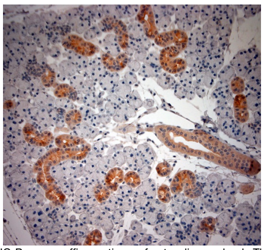
Uniprot ID NGF_HUMAN

Immunogen Native beta-nerve growth factor (Ngfb, beta-NGF) purified from mouse submandibular gland

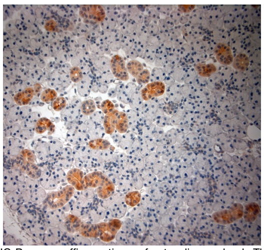
Immunogen Region

Specificity Specific for NGF

Immunogen Sequence



IHC-P on paraffin sections of rat salivary gland. The animal was perfused using Autoperfuser at a pressure of 130 mmHg with 300 ml of Davidsons modified fixative (4% formaldehyde also works nicely) before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min using Thermo PT Module. Blocking: 0.2% LFDM in TBST filtered thru 0. 2 µm. Detection was done using Novolink HRP polymer from Leica following manufacturer's instructions; DAB chromogen. Primary antibody dilution 1: 1000, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin.



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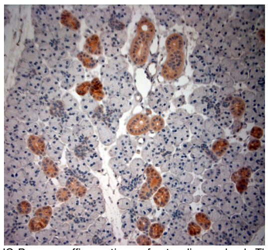

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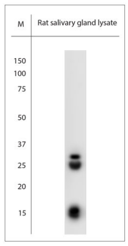

WB on rat salivary gland lysate. Blocking: 1% LFDM for 30 min at RT; primary antibody dilution 1: 1000 incubated at 4C overnight.