

[KO Validated] NGF Rabbit pAb

Catalog No.: A17998 **KO Validated** **1 Publications**

Basic Information

Observed MW

17kDa

Calculated MW

27kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

Background

This gene is a member of the NGF-beta family and encodes a secreted protein which homodimerizes and is incorporated into a larger complex. This protein has nerve growth stimulating activity and the complex is involved in the regulation of growth and the differentiation of sympathetic and certain sensory neurons. Mutations in this gene have been associated with hereditary sensory and autonomic neuropathy, type 5 (HSAN5), and dysregulation of this gene's expression is associated with allergic rhinitis.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4803

Swiss Prot

P01138

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 19-241 of human NGF (NP_002497.2).

Synonyms

NGFB; HSAN5; Beta-NGF; GF

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

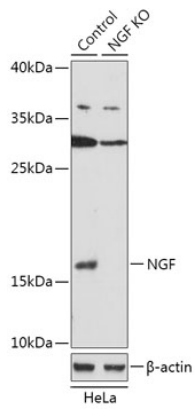
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and NGF knockout (KO) HeLa cells, using [KO Validated] NGF Rabbit pAb (A17998) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.