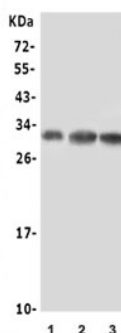


## Beta NGF Antibody / NGF (RQ5951)

Catalog No.	Formulation	Size
RQ5951	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P01138
<b>Applications</b>	Western blot : 0.5-1ug/ml
<b>Limitations</b>	This Beta NGF antibody is available for research use only.



Western blot testing of human 1) U-87 MG, 2) 22RV1 and 3) A549 lysate with Beta NGF antibody. Predicted molecular weight ~27 kDa (dimer).

## Description

Nerve growth factor (NGF) is a neurotrophic factor and neuropeptide primarily involved in the regulation of growth, maintenance, proliferation, and survival of certain target neurons. It is mapped to 1p13.2. 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.

## Application Notes

Optimal dilution of the NGF antibody should be determined by the researcher.

## Immunogen

Amino acids THTFVKALTMDGKQAAWRFIRID from the human protein were used as the immunogen for the Beta NGF antibody.

## Storage

After reconstitution, the Beta NGF antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.