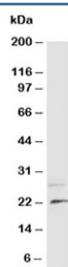


## NGF Antibody / Beta Nerve Growth Factor (R30235)

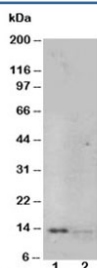
Catalog No.	Formulation	Size
R30235	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P01138
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This NGF antibody is available for research use only.



Western blot testing of NGF antibody and rat brain tissue lysate



Western blot testing of NGF antibody and Lane 1: recombinant human protein 10ng; 2: 5ng

## Description

Nerve growth factor is a polypeptide involved in the regulation of growth and differentiation of sympathetic and certain sensory neurons. The nucleotide sequence of human and mouse beta-NGF are very similar. The beta-subunits of nerve growth factor(NGFB) have been assigned to mouse chromosome 3 and human chromosome 1p22. The human gene for the beta subunit of nerve growth factor is located on the proximal short arm of chromosome 1. A mutation in the nerve growth factor beta gene(NGFB) causes loss of pain perception.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the NGF antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the N-terminus of human NGF (EVNINNSVFKQY) was used as the immunogen for this NGF antibody.

## Storage

After reconstitution, the 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.