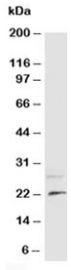
# NGF Antibody / Beta Nerve Growth Factor (R30235)

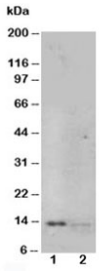
| Catalog No. | Formulation | Size |
|---|---|---|
| R30235 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

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




NGF Antibody Rat Brain WB. 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.

Our NGF Antibody / Neurotrophin Signaling Marker Antibody page highlights clone BDE-14 for detection of Nerve growth factor expression in neuronal signaling, neurodevelopment, tissue repair, and neurodegeneration research applications.

## 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.


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