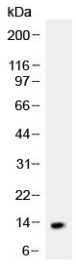
NGF Antibody / Nerve Growth Factor (R32657)

Catalog No.	Formulation	Size
R32657	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
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, 0.025% sodium azide
UniProt	P01138
Applications	WB: 0.5-1ug/ml ELISA: 0.1-0.5ug/ml (human protein tested; request BSA-free format for coating)
Limitations	This NGF antibody is available for research use only.



Western blot testing of recombinant human NGF partial protein (0.5ng/lane) with NGF antibody at 0.5ug/ml.

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

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

Immunogen

Amino acids S122-A241 from the human protein were used as the immunogen for the 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.

Copyright © NSJ Bioreagents. All rights reserved.