

Datasheet for ABIN3031957

**anti-Nerve Growth Factor antibody (N-Term)**

3 Images

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## Overview

Quantity:	100 µg
Target:	Nerve Growth Factor (NGF)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nerve Growth Factor antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	An amino acid sequence from the N-terminus of human NGF (EVNINNSVFKQY) was used as the immunogen for this NGF antibody.
Isotype:	IgG
Purification:	Antigen affinity

## Target Details

Target:	Nerve Growth Factor (NGF)
Alternative Name:	NGF ( <a href="#">NGF Products</a> )
Background:	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

## Target Details

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.

UniProt: [P01138](#)

Pathways: [Regulation of Cell Size](#)

## Application Details

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.\. Western blot: 0.5-1 µg/mL

Restrictions: For Research Use only

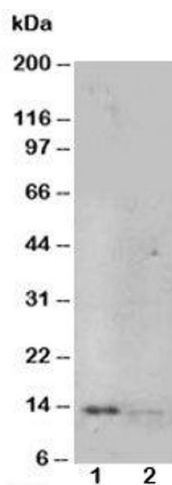
## Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

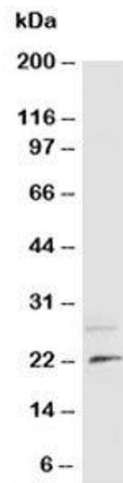
Storage Comment: After reconstitution, the NGF antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

## Images



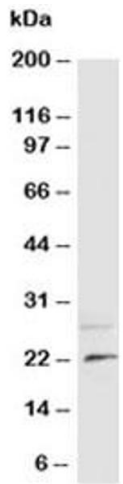
### Western Blotting

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



Western Blotting

**Image 2.** Western blot testing of NGF antibody and rat brain tissue lysate



Western Blotting

**Image 3.** Western blot testing of NGF antibody and rat brain tissue lysate