

Datasheet for ABIN7178801

## anti-Nerve Growth Factor antibody (AA 124-241)



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	Nerve Growth Factor (NGF)
Binding Specificity:	AA 124-241
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nerve Growth Factor antibody is un-conjugated
Application:	ELISA, Immunoprecipitation (IP)

#### Product Details

Immunogen:	Recombinant Rat Beta-nerve growth factor protein (124-241AA)
Isotype:	IgG
Cross-Reactivity:	Rat
Purification:	>95%, Protein G purified

#### Target Details

Target:	Nerve Growth Factor (NGF)
Alternative Name:	Ngf ( <a href="#">NGF Products</a> )
Background:	Background: Nerve growth factor is important for the development and maintenance of the sympathetic and sensory nervous systems. Extracellular ligand for the NTRK1 and NGFR

## Target Details

receptors, activates cellular signaling cascades through those receptor tyrosine kinase to regulate neuronal proliferation, differentiation and survival. Inhibits metalloproteinase dependent proteolysis of platelet glycoprotein VI.

Aliases: Ngf antibody, Ngfb antibody, Beta-nerve growth factor antibody, Beta-NGF antibody

UniProt: [P25427](#)

Pathways: [Regulation of Cell Size](#)

## Application Details

Application Notes: Recommended dilution: IP:1:200-1:2000,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

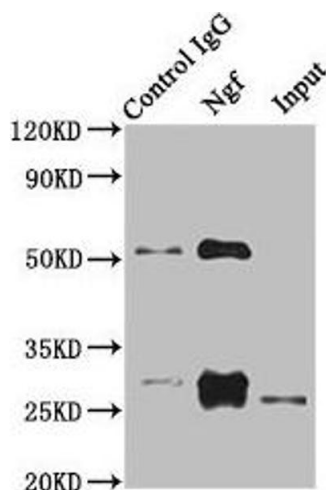
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



### Western Blotting

**Image 1.** Immunoprecipitating Ngf in Rat heart tissue Lane 1: Rabbit control IgG instead of ABIN7178801 in Rat heart tissue. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/5000) Lane 2: ABIN7178801 (8 µg) + Rat heart tissue (500 µg) Lane 3: Rat heart tissue (20 µg)