

Datasheet for ABIN465644  
**anti-Nerve Growth Factor antibody**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µg
Target:	Nerve Growth Factor (NGF)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nerve Growth Factor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)

## Product Details

Immunogen:	E.coli derived recombinant Human beta-NGF.
	Type of Immunogen: Cell extract
Specificity:	Human beta-NGF
Purification:	Immunoaffinity purified

## Target Details

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

## Target Details

	Synonyms: NGF, Beta-nerve growth factor, ProNGF, Beta-NGF, HSAN5, NGFB
Gene ID:	4803
UniProt:	<a href="#">P01138</a>
Pathways:	<a href="#">Regulation of Cell Size</a>

## Application Details

Application Notes:	Approved: ELISA (0.5 - 2 µg/mL), Neut (5 - 8 µg/mL), WB  Usage: Immunohistochemistry: This antibody stained formalin-fixed, paraffin-embedded sections of human pancreas adenocarcinoma. The recommended concentration is 0.5 mg/mL with an overnight incubation at 4 °C. An HRP-labeled polymer detection system was used with a DAB chromogen. Optimal results were achieved without antigen retrieval. Optimal concentrations and conditions may vary. Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of Human beta-NGF (1 ng/mL), a concentration of 0.05-0.08 µg/mL of this antibody is required. ELISA: To detect Human beta-NGF by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5-2 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human beta-NGF (LS-C104735) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Human beta-NGF. Western Blot: To detect Human beta-NGF by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human beta-NGF is 1.5-3 ng/lane, under either reducing or non-reducing conditions.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Sterile water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, pH 7.2
Handling Advice:	Avoid freeze/thaw cycles.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Store Lyophilized at room temperature up to 1 month Reconstituted for up to 2 weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage. Avoid freeze/thaw cycles.

Images

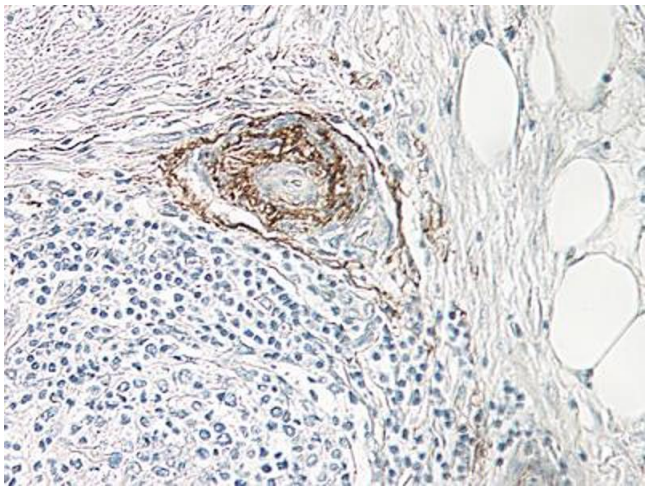


Image 1.

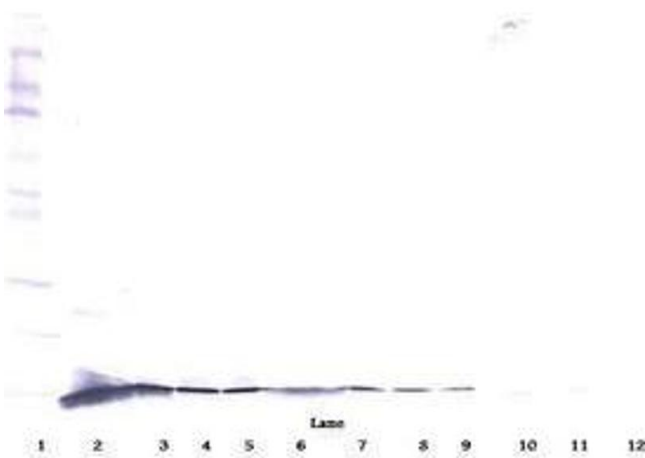


Image 2.

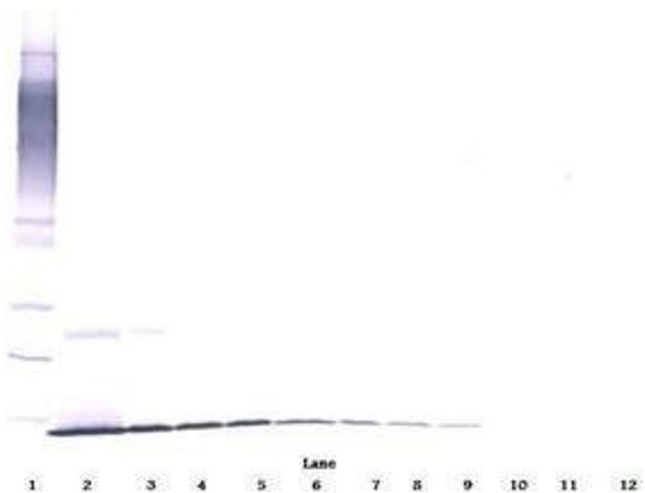


Image 3.

## Images

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Please check the [product details page](#) for more images. Overall 4 images are available for ABIN465644.