

Datasheet for ABIN7145523

**anti-Nerve Growth Factor antibody (AA 122-218)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µg
Target:	Nerve Growth Factor (NGF)
Binding Specificity:	AA 122-218
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nerve Growth Factor antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Beta-nerve growth factor protein (122-218AA)
Isotype:	IgG
Cross-Reactivity:	Human
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 (PubMed:20164177).

Aliases: Beta nerve growth factor antibody, Beta NGF antibody, Beta-nerve growth factor antibody, Beta-NGF antibody, HSAN5 antibody, MGC161426 antibody, MGC161428 antibody, Nerve growth factor (beta polypeptide) antibody, Nerve growth factor antibody, Nerve growth factor beta antibody, Nerve growth factor beta polypeptide antibody, Nerve growth factor beta subunit antibody, NGF antibody, NGF\_HUMAN antibody, NGFB antibody, NID67 antibody

UniProt: [P01138](#)

Pathways: [Regulation of Cell Size](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

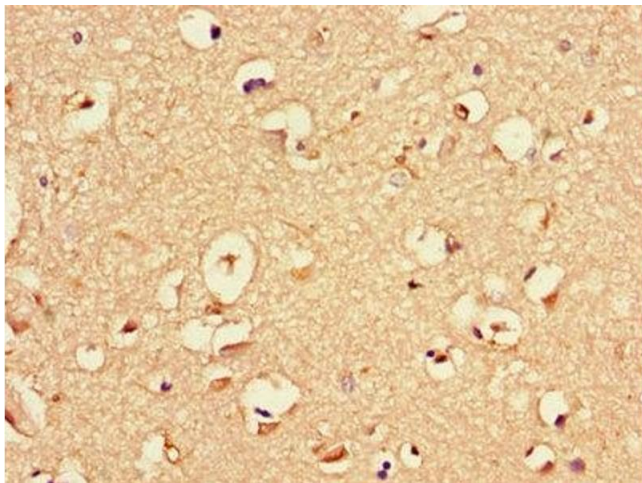
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

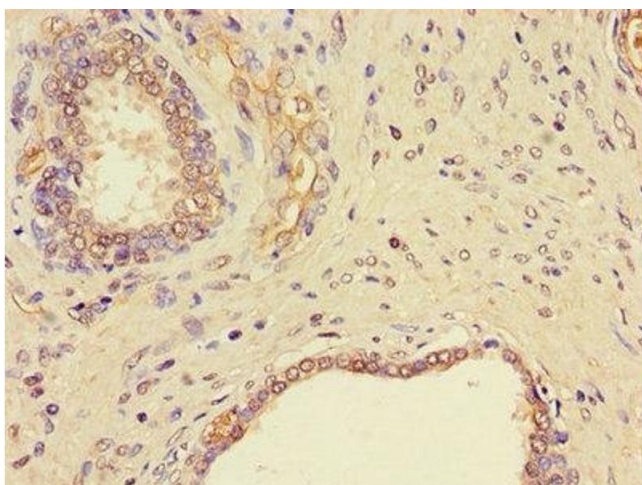
Storage: -20 °C, -80 °C

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



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7145523 at dilution of 1:100



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human prostate cancer using ABIN7145523 at dilution of 1:100