

Datasheet for ABIN7431029

anti-Nerve Growth Factor antibody (AA 19-239)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Nerve Growth Factor (NGF)
Binding Specificity:	AA 19-239
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nerve Growth Factor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Nerve Growth Factor (NGF)
Immunogen:	Recombinant Nerve Growth Factor (NGF) corresponding to Glu19~Arg239 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against NGF. It has been selected for its ability to recognize NGF in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

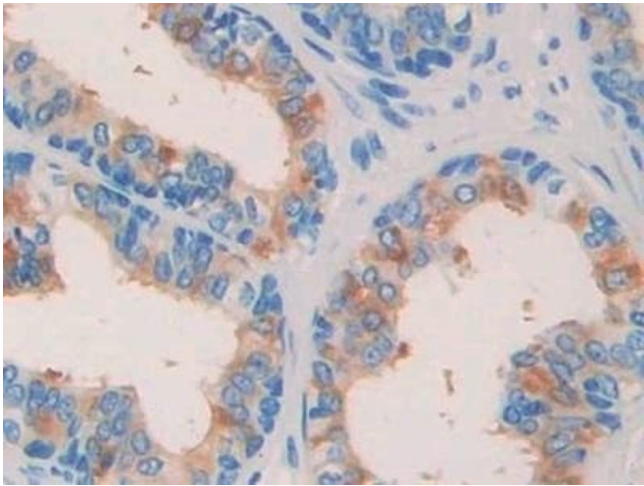
Target:	Nerve Growth Factor (NGF)
Alternative Name:	Nerve Growth Factor (NGF Products)
Background:	NGFB, Beta-NGF, HSAN5, NGF-B, Beta-Nerve Growth Factor
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

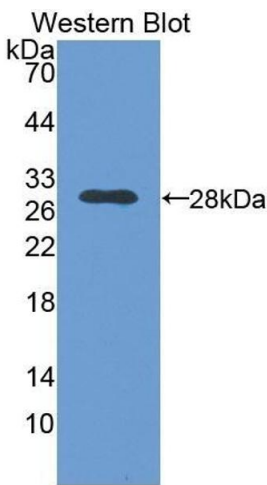
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



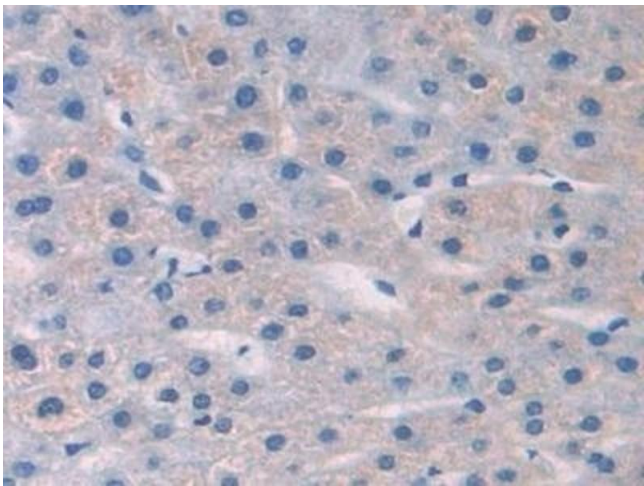
Immunohistochemistry

Image 1. Detection of NGF in Human Prostate Tissue using Polyclonal Antibody to Nerve Growth Factor (NGF)



Western Blotting

Image 2. Detection of Recombinant NGF, Human using Polyclonal Antibody to Nerve Growth Factor (NGF)



Immunohistochemistry

Image 3. Detection of NGF in Human Liver Tissue using Polyclonal Antibody to Nerve Growth Factor (NGF)