

Datasheet for ABIN7431023

anti-Nerve Growth Factor antibody (AA 122-241)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Nerve Growth Factor (NGF)
Binding Specificity:	AA 122-241
Reactivity:	Cow
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 Ser122~Ala241 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:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

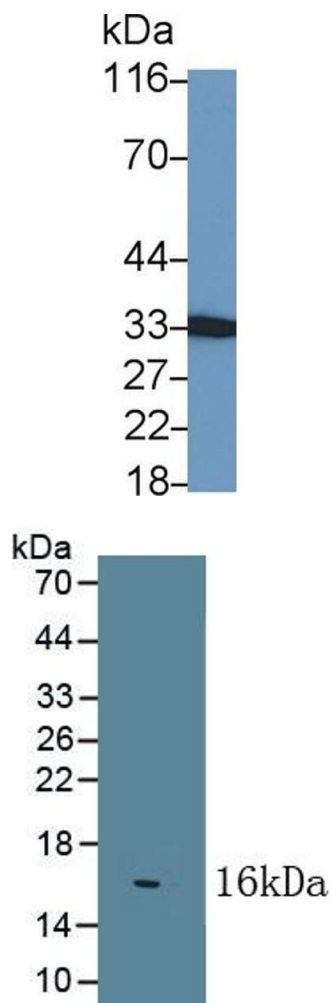
Target:	Nerve Growth Factor (NGF)
Alternative Name:	Nerve Growth Factor (NGF Products)
Background:	NGFB, Beta-NGF, HSAN5, NGF-B, Beta-Nerve Growth Factor
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:250-1100 Immunohistochemistry: 5-20 µg/mL 1:25-110 Immunocytochemistry: 5-20 µg/mL 1:25-110 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



Western Blotting

Image 1. Detection of NGF in Porcine Skin lysate using Polyclonal Antibody to Nerve Growth Factor (NGF)

Western Blotting

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