

Datasheet for ABIN6144609

anti-Nerve Growth Factor antibody (AA 19-241)[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	100 µL
Target:	Nerve Growth Factor (NGF)
Binding Specificity:	AA 19-241
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nerve Growth Factor antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 19-241 of human NGF (NP_002497.2).
Sequence:	EPHSESNVPA GHTIPQAHWT KLQHSLDTAL RRARSAPAAA IAARVAGQTR NITVDPRLFK KRRLRSPRVL FSTQPPREAA DTQDLDFEVG GAAPFNRTHR SKRSSSHPIF HRGEFSVCDS VSVWVGDKTT ATDIKGKEVM VLGEVNINNS VFKQYFFETK CRDPNPVDSG CRGIDSKHWN SYCTTTHTFV KALTMDGKQA AWRFIRIDTA CVCVLSRKAV RRA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	Nerve Growth Factor (NGF)
Alternative Name:	NGF (NGF Products)
Background:	This gene is a member of the NGF-beta family and encodes a secreted protein which homodimerizes and is incorporated into a larger complex. This protein has nerve growth stimulating activity and the complex is involved in the regulation of growth and the differentiation of sympathetic and certain sensory neurons. Mutations in this gene have been associated with hereditary sensory and autonomic neuropathy, type 5 (HSAN5), and dysregulation of this gene's expression is associated with allergic rhinitis.,NGF,Beta-NGF,HSAN5,NGFB,Cell Biology & Developmental Biology,Growth factor,Immunology & Inflammation,NF-kB Signaling Pathway,Neuroscience,NGF
Molecular Weight:	26 kDa
Gene ID:	4803
UniProt:	P01138
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

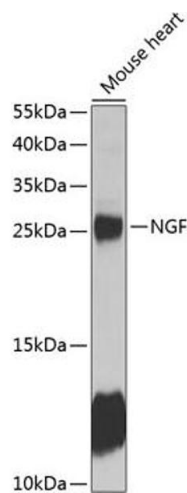
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Publications

Product cited in:	Shi, Zhang, Wu, He, Wang, Yin, Tian, Li, Cheng: "ALYREF mainly binds to the 5' and the 3' regions
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of the mRNA in vivo." in: **Nucleic acids research**, Vol. 45, Issue 16, pp. 9640-9653, (2017) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of extracts of mouse heart, using NGF antibody (ABIN6132234, ABIN6144609, ABIN6144611 and ABIN6218093) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST.