

## NGF Antibody

Catalog No: #32048

Package Size: #32048-1 50ul #32048-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

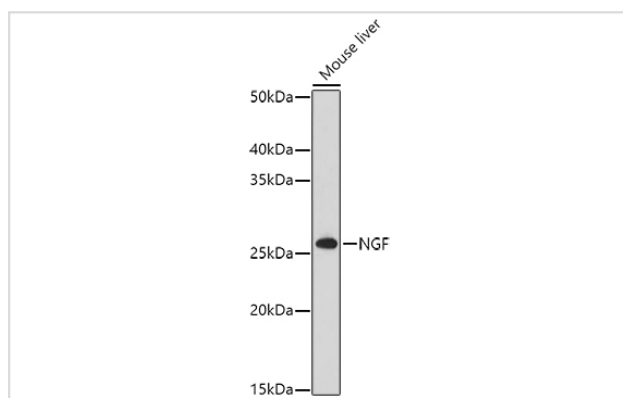
## Description

Product Name	NGF Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Mouse,Rat
Specificity	The antibody detects endogenous level of total NGF protein.
Immunogen Type	Peptide
Immunogen Description	Recombinant fusion protein of human NGF (NP_002497.2).
Target Name	NGF
Other Names	NGF;Beta-NGF;HSAN5;NGFB
Accession No.	Uniprot:P01138GeneID:4803
SDS-PAGE MW	27KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

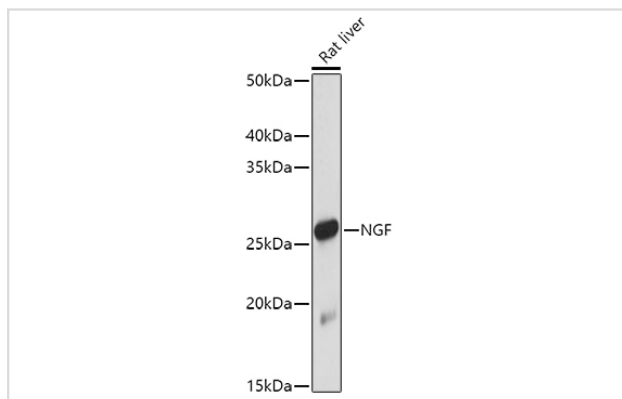
## Application Details

WB 1:500 - 1:1000

## Images



Western blot analysis of extracts of Mouse liver, using NGF antibody.



Western blot analysis of extracts of Rat liver, using NGF antibody.

## 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.

## Published Papers

el at., The neuro-restorative effect of adipose-derived mesenchymal stem cell transplantation on a mouse model of diabetic neuropathy. In *Neurol Res* on 2022 Feb by Gurkan Yigitturk, Oytun Erbas,et al..PMID:34410214, , (2022)

[PMID:34410214](#)

el at., The neuro-restorative effect of adipose-derived mesenchymal stem cell transplantation on a mouse model of diabetic neuropathy. In *Neurol Res* on 2021 Aug 19 by Gurkan

Yigitturk, Oytun Erbas,et al..PMID:34410214, , (2021)

[PMID:34410214](#)

el at., Aerobic Exercise Inhibits Sympathetic Nerve Sprouting and Restores  $\epsilon^{\circ}$ Y-Adrenergic Receptor Balance in Rats with Myocardial Infarction.In *PLoS One*.On 2014 by Ting Chen,Meng-Xin Cai et al..PMID:24842290, , (2014)

[PMID:24842290](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.