

**Product Name: NGF Rabbit Polyclonal Antibody**  
**Catalog #: APRab03351**



## Summary

<b>Production Name</b>	NGF Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	NGF
<b>Alternative Names</b>	NGF; NGFB; Beta-nerve growth factor; Beta-NGF
<b>Gene ID</b>	4803
<b>SwissProt ID</b>	P01138.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100 ELISA: 1:10000
<b>Molecular Weight</b>	Calculated MW: 27 kDa; Observed MW: 27 kDa

## Background

Nerve growth factor (NGF) is a small, secreted protein and member of the neurotrophin family of growth factors that

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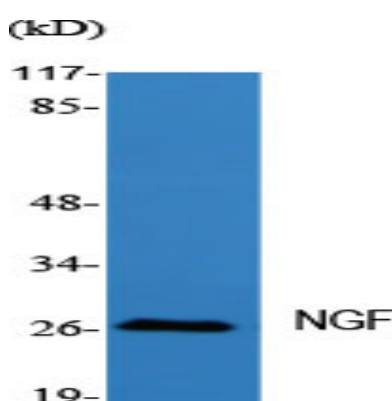


promote neuronal cell survival and differentiation. Producing cells release NGF that bind and activate TrkA high affinity receptors to mediate NGF-driven signaling. NGF also binds to a low affinity p75 (NTR) receptors, which belong to the death receptor family.

## Research Area

Neuroscience

## Image Data



Western blot analysis of NGF in various lysates using NGF antibody.



Western blot analysis of NGF in Jurkat lysates using NGF antibody.

## Note

For research use only.