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

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	Calculated MW: 27 kDa; Observed MW: 27 kDa

**Antigen Information**

<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
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NGF. AA range:33-82

**Background**

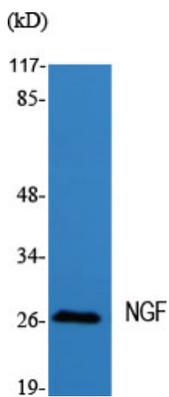
Nerve growth factor (NGF) is a small, secreted protein and member of the neurotrophin family of growth factors that promote

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.

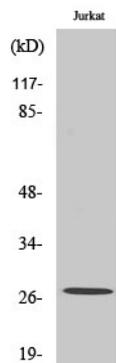
## Research Area

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.