

## Anti-human BDNF Polyclonal Antibody

<b>CATALOG #:</b>	5004-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>IMMUNOGEN:</b>	<i>E. coli</i> expressed human BDNF (Internal ID# BV-F66G)
<b>HOST:</b>	Rabbit

### FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-human BDNF polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.

### STORAGE CONDITIONS:

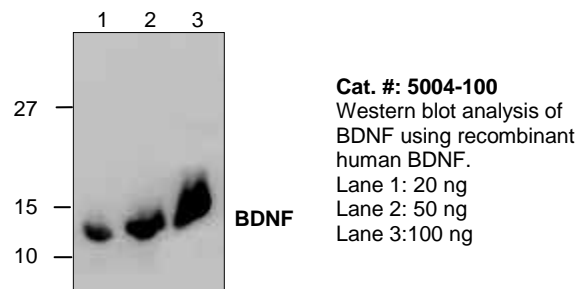
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### DESCRIPTION:

Human Brain-Derived Neurotrophic Factor (BDNF) is a potent neurotrophic factor that supports the growth and survivability of nerve and glial cells. BDNF protein is a 27.0 kDa dimer, formed by two identical 119 amino acid subunits held together by strong hydrophobic interactions. The antibody recognizes the mature form of BDNF at 14 kDa.

### APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Other applications have not been tested. Recombinant human BDNF (Cat.# 4004-10) can be used as a positive control.



**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

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- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
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- Akt & JNK Activity Assay Kits
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- Cloning Insert Quick Screening Kit
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- 5 Minutes DNA Ligation Kit
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#### Monoclonal and Polyclonal Antibodies