

Anti-human BDNF Polyclonal Antibody

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

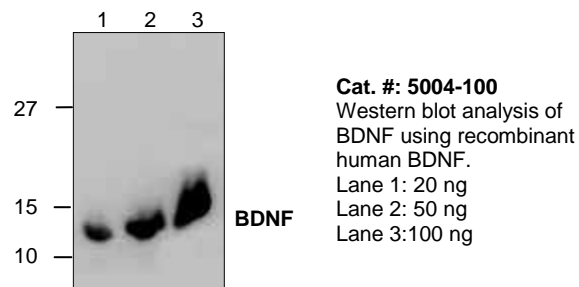
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost cycles.

DESCRIPTION:

Human Brain-Derived Neurotrophic Factor (BDGF) 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.



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