

# BDNF Polyclonal Antibody

Catalog Number: E-AB-18244 7 Publications



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

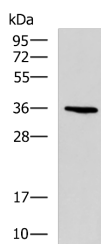
## Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Fusion protein of human BDNF
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4

## Applications Recommended Dilution

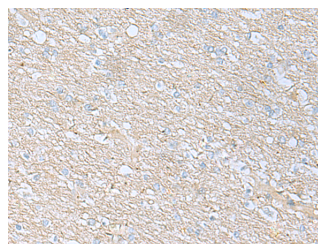
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:100
<b>ELISA</b>	1:5000-1:10000

## Data

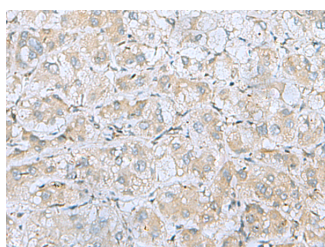


Western blot analysis of A549 cell lysate using BDNF Polyclonal Antibody at dilution of 1:900

**Observed MW: Refer to figures**  
**Calculated Mw: 28 kDa**



Immunohistochemistry of paraffin-embedded human brain tissue using BDNF Polyclonal Antibody at dilution of 1:65 (x200)



Immunohistochemistry of paraffin-embedded human liver cancer tissue using BDNF Polyclonal Antibody at dilution of 1:65 (x200)

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

BDNF is a member of the nerve growth factor family. It is induced by cortical neurons, and is necessary for survival of

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striatal neurons in the brain. Expression of BDNF is reduced in both Alzheimer's and Huntington disease patients. It play a role in the regulation of stress response and in the biology of mood disorders.

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