

## BDNF Polyclonal Antibody

**catalog number: E-AB-18244**

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

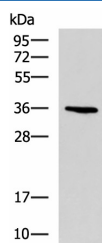
### Description

<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>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

Applications	Recommended Dilution
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:100

### Data



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

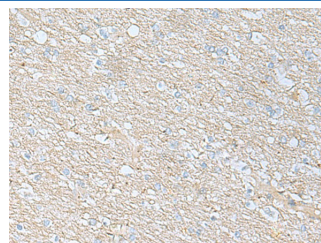
**Observed-MW:Refer to figures**

**Calculated-MW:28 kDa**



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using BDNF Polyclonal Antibody at dilution of

1:65(×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using BDNF Polyclonal Antibody at dilution of 1:65(×200)

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

### Background

BDNF is a member of the nerve growth factor family. It is induced by cortical neurons, and is necessary for survival of striatal neurons in the brain. Expression of BDNF is reduced in both Alzheimer's and Huntington disease patients. It plays a role in the regulation of stress response and in the biology of mood disorders.

### For Research Use Only