

## Product datasheet

# Anti-BDNF antibody ab88901

★★★★☆ 1 Abreviews 1 References 2 图像

### 概述

产品名称	Anti-BDNF抗体
描述	小鼠多克隆抗体to BDNF
宿主	Mouse
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Human
免疫原	Full length human BDNF protein (AAH29795).
阳性对照	NIH/3T3 cell lysate and BDNF transfected 293T cell lysate. Brain tissue lysate
常规说明	For BDNF, multiple WB bands are possible and expected. The human protein has 5 isoforms (precursors: 28 – 37 kDa) and can be glycosylated (Uniprot: <a href="http://www.uniprot.org/uniprot/P23560">http://www.uniprot.org/uniprot/P23560</a> ). The mature form is expected at ~14 kDa (monomer) and the dimer at ~28 kDa.

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None Constituents: PBS, pH 7.2
纯度	Protein A purified
克隆	多克隆
同种型	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab88901** in the following tested applications.

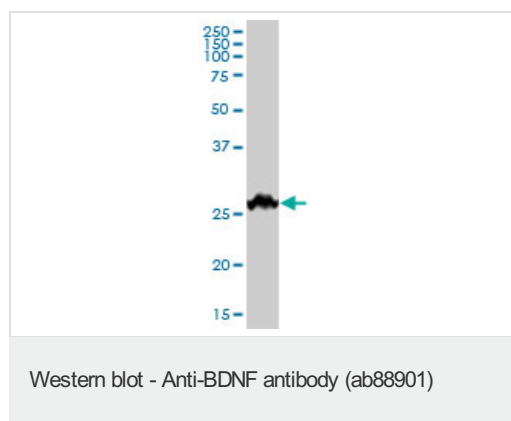
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB	★★★★☆	1/500 - 1/1000. Predicted molecular weight: 28 kDa.

## 靶标

<b>功能</b>	During development, promotes the survival and differentiation of selected neuronal populations of the peripheral and central nervous systems. Participates in axonal growth, pathfinding and in the modulation of dendritic growth and morphology. Major regulator of synaptic transmission and plasticity at adult synapses in many regions of the CNS. The versatility of BDNF is emphasized by its contribution to a range of adaptive neuronal responses including long-term potentiation (LTP), long-term depression (LTD), certain forms of short-term synaptic plasticity, as well as homeostatic regulation of intrinsic neuronal excitability.
<b>组织特异性</b>	Brain. Highly expressed in hippocampus, amygdala, cerebral cortex and cerebellum. Also expressed in heart, lung, skeletal muscle, testis, prostate and placenta.
<b>疾病相关</b>	Bulimia nervosa 2 Congenital central hypoventilation syndrome
<b>序列相似性</b>	Belongs to the NGF-beta family.
<b>翻译后修饰</b>	The propeptide is N-glycosylated and glycosulfated. Converted into mature BDNF by plasmin (PLG).
<b>细胞定位</b>	Secreted.

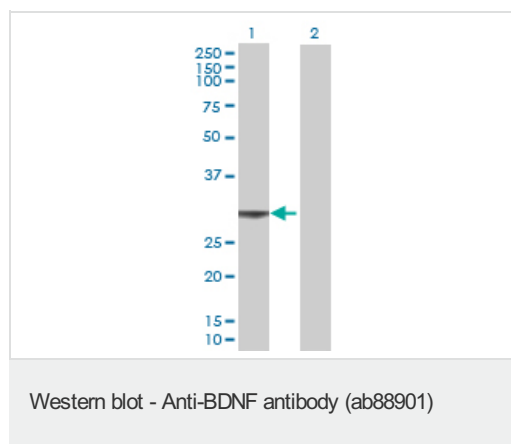
## 图片



Anti-BDNF antibody (ab88901) at 1/500 dilution + cell lysate from NIH/3T3 at 50 µg

**Predicted band size:** 28 kDa

**Observed band size:** 28 kDa



**All lanes :** Anti-BDNF antibody (ab88901) at 1/500 dilution

**Lane 1 :** cell lysate from BDNF transfected 293T cells

**Lane 2 :** cell lysate from non transfected 293T cells

Lysates/proteins at 25 µg per lane.

**Predicted band size:** 28 kDa

**Observed band size:** 28 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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