

### Anti-BDNF antibody [35928.11] ab10505

★★★★★ 1 Abreviews 14 References

#### 概述

产品名称	Anti-BDNF抗体[35928.11]
描述	小鼠单克隆抗体[35928.11] to BDNF
宿主	Mouse
经测试应用	适用于: ELISA, IHC-P, WB
种属反应性	与反应: Human
免疫原	Recombinant human BDNF (rhBDNF) expressed in Sf 21 insect cells.
阳性对照	Brain tissue lysate
常规说明	<p>Endotoxin: &lt;10 ng/mg by LAL method.</p> <p>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.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Constituent: PBS
纯度	Protein A purified
纯化说明	The antibody is purified by Protein A affinity chromatography.
克隆	单克隆
克隆编号	35928.11
同种型	IgG1

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab10505于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ELISA		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
WB	★★★★★ (1)	Use at an assay dependent concentration.

## 靶标

功能	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.
组织特异性	Brain. Highly expressed in hippocampus, amygdala, cerebral cortex and cerebellum. Also expressed in heart, lung, skeletal muscle, testis, prostate and placenta.
疾病相关	Bulimia nervosa 2 Congenital central hypoventilation syndrome
序列相似性	Belongs to the NGF-beta family.
翻译后修饰	The propeptide is N-glycosylated and glycosulfated. Converted into mature BDNF by plasmin (PLG).
细胞定位	Secreted.

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