

### Human BDNF peptide ab182199

[3 References](#) [1 图像](#)

#### 描述

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产品名称	人BDNF多肽
Accession	<b><u>P23560</u></b>
无动物成分	No
性质	Synthetic
种属	Human

#### 技术指标

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Our **Abpromise guarantee** covers the use of **ab182199** in the following tested applications.

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

应用	Blocking - Blocking peptide for Anti-BDNF antibody [EPR1292] ( <b><u>ab108319</u></b> )
形式	Lyophilized
补充说明	<p>This is the blocking peptide for <b><u>ab108319</u></b></p> <ul style="list-style-type: none"><li>- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.</li><li>- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.</li><li>- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.</li><li>- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.</li><li>- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.</li></ul>

#### 制备和贮存

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稳定性和存储	Shipped at 4°C. Upon delivery aliquot. Store at -20°C long term. Information available upon request.
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#### 常规信息

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<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

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Human BDNF peptide (ab182199)

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