



### Anti-Orexin B antibody [MM0501-5G21] ab89888

#### 1 图像

#### 概述

|       |  |
|-------|--|
| 产品名称  | Anti-Orexin B抗体[MM0501-5G21]   |
| 描述    | 小鼠单克隆抗体[MM0501-5G21] to Orexin B   |
| 宿主    | Mouse  |
| 经测试应用 | 适用于: IHC-P   |
| 种属反应性 | 与反应: Human   |
| 免疫原   | Recombinant fragment:<br>SGPPGLQGRL QRLLQASGNH AAGILT<br>, corresponding to amino acids 71-96 of Human Orexin B<br> <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> |

#### 常规说明

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.

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&As

#### 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 | Constituent: PBS   |
| 纯度   | Protein G purified   |
| 纯化说明 | The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and 0.2 µm filtered. |
| 克隆   | 单克隆  |
| 克隆编号 | MM0501-5G21  |
| 同种型  | IgG1   |

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab89888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。

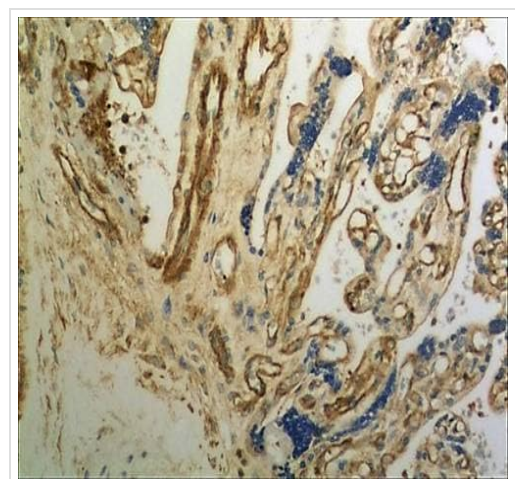
| 应用    | Ab评论 | 说明                                       |
|-------|------|--|
| IHC-P |      | Use at an assay dependent concentration. |

## 靶标

**相关性**      The hypothalamus acts as a major regulatory center involved in the control of feeding behavior and energy homeostasis. Several neuropeptides and proteins have been shown to be involved in the regulation of these processes. Orexin A (hypocretin 1) a 33 amino acid peptide and orexin B(hypocretin 2), a 28 amino acid peptide, are both derived from a common 130 amino acid precursor, prepro-orexin, which is encoded by a gene localized to human chromosome 17q21. Orexin A and Orexin B stimulate food consumption when administered intracerebroventricularly to rats. Orexin gene expression in the brain is highly restricted to distinct populations of neurons located in specific hypothalamic regions, including the lateral hypothalamic area (LHA), a region implicated in feeding behavior.

**细胞定位**      Associated with perikaryal rough endoplasmic reticulum as well as cytoplasmic large granular vesicles at synapses.

## 图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human placental tissue section (4µm) labelling Orexin B with ab89888. Tissue was treated with 15µg/ml Protienase K for antigen retrieval and fixed with 4% PFA. A HRP-conjugated anti-mouse IgG was used as the secondary antibody (30 minutes at room temperature) followed by DAB color development.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Orexin B antibody  
[MM0501-5G21] (ab89888)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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