

Product datasheet

Anti-NSE antibody - Neuronal Marker ab834

1 References 1 图像

概述

<b>产品名称</b>	Anti-NSE抗体- Neuronal Marker
<b>描述</b>	兔多克隆抗体to NSE - Neuronal Marker
<b>宿主</b>	Rabbit
<b>特异性</b>	This antibody reacts with human isoenzymes of neuron specific enolase containing gamma subunits. This antibody gives a specific staining in neurons of the brain, in islets of langerhans in pancreas and in peripheral nerves of the skin. No staining with other tissue types has been seen.
<b>经测试应用</b>	<b>适用于:</b> IHC-P
<b>种属反应性</b>	<b>与反应:</b> Human
<b>免疫原</b>	Full length native protein (purified) corresponding to Bovine NSE. Neuron specific enolase (gamma-gamma isoenzyme) isolated from bovine brain.
<b>常规说明</b>	<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

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>存储溶液</b>	pH: 7.3 Preservative: 0.05% Sodium azide Constituent: 1% BSA
<b>纯度</b>	Immunogen affinity purified
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用ab834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		

### 应用说明

IHC: This antibody may be diluted to a titer of 1:25-1:50 in an ABC method.  
Staining Protocol: We suggest an incubation period of 30-60 minutes at room temperature.  
However, depending upon the fixation conditions and the staining system employed, optimal incubation conditions and antibody dilutions should be determined by the user.

## 靶标

### 功能

Has neurotrophic and neuroprotective properties on a broad spectrum of central nervous system (CNS) neurons. Binds, in a calcium-dependent manner, to cultured neocortical neurons and promotes cell survival.

### 组织特异性

The alpha/alpha homodimer is expressed in embryo and in most adult tissues. The alpha/beta heterodimer and the beta/beta homodimer are found in striated muscle, and the alpha/gamma heterodimer and the gamma/gamma homodimer in neurons.

### 通路

Carbohydrate degradation; glycolysis; pyruvate from D-glyceraldehyde 3-phosphate: step 4/5.

### 序列相似性

Belongs to the enolase family.

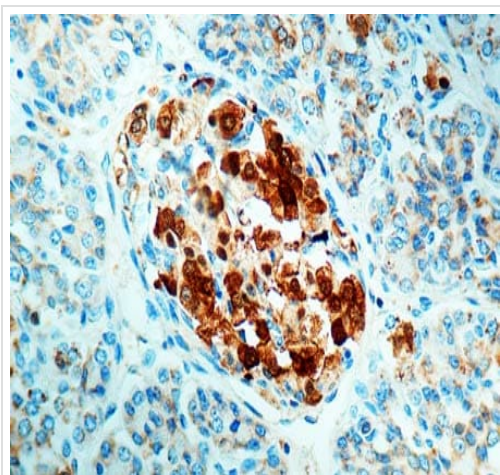
### 发展阶段

During ontogenesis, there is a transition from the alpha/alpha homodimer to the alpha/beta heterodimer in striated muscle cells, and to the alpha/gamma heterodimer in nerve cells.

### 细胞定位

Cytoplasm. Cell membrane. Can translocate to the plasma membrane in either the homodimeric (alpha/alpha) or heterodimeric (alpha/gamma) form.

## 图片



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human pancreas tissue, staining NSE - Neuronal Marker with ab834.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NSE antibody - Neuronal Marker (ab834)

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

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- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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