abcam

Product datasheet

Anti-NSE antibody [5A4] ab10169

2 References 1 图像

概述

产品名称	Anti-NSE抗体[5A4]
描述	**小鼠单克隆抗体**[5A4] to NSE
宿主	Mouse
经测试应用	**适用于:** IHC-P, ELISA, WB, Sandwich ELISA
种属反应性	**与反应:** Human
免疫原	Recombinant full length protein (Human).
常规说明	Concentration varies from lot to lot and can be provided on request.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.1% Sodium Azide Constituents: PBS, pH 7.4
纯度	Protein G purified
纯化说明	Purity tested by electrophoresis.
克隆	单克隆
克隆编号	5A4
骨髓瘤	Sp2/0
同种型	IgG2a

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab10169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		1/100 - 1/300. Antigen retrieval is not essential but may optimise staining.

应用	Ab评论	说明
ELISA		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 45 kDa.
Sandwich ELISA		Use at an assay dependent concentration. Can be used as capture antibody in conjunction with recommended pair(s).

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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NSE antibody [5A4] (ab10169)

Ab10169 staining human normal pancreas. Staining is localized to cell membrane and cytoplasm.
Left panel: with primary antibody at 1 ug/ml. Right panel: isotype control.
Sections were stained using an automated system DAKO Autostainer Plus , at room temperature. Sections were rehydrated and antigen retrieved with the Dako 3-in-1 AR EDTA pH 9.0 in a DAKO PT Link. Slides were peroxidase blocked in 3% H_2O_2 in methanol for 10 minutes. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 minutes and detected with Dako Envision Flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that for manual staining we recommend to optimize the primary antibody concentration and incubation time (overnight incubation), and amplification may be required.

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