

Product datasheet

Anti-Non Neuronal Enolase antibody ab49256

1 References 1 图像

概述

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| 产品名称 | Anti-Non Neuronal Enolase抗体 |
| 描述 | 兔多克隆抗体to Non Neuronal Enolase |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: ELISA, WB |
| 种属反应性 | 与反应: Human 预测可用于: Mouse, Rat, Sheep, Rabbit, Chicken, Guinea pig, Cow, Dog, Pig, Arabidopsis thaliana, Caenorhabditis elegans, Zebrafish  |
| 免疫原 | A region within synthetic peptide: GVGLCTGQIK TGAPCRSERL AKYNQLLRIE EELGSKAKFA GRNFRNPLA, corresponding to C terminal amino acids 386-434 of Human Non Neuronal Enolase Run BLAST with ExPASy Run BLAST with NCBI |
| 阳性对照 | Jurkat cell lysate. |

性能

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| 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: 0.09% Sodium azide Constituents: 2% Sucrose, PBS |
| 纯度 | Protein A purified |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

Our [Abpromise guarantee](#) covers the use of **ab49256** in the following tested applications.

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

| 应用 | Ab 评论 | 说明 |
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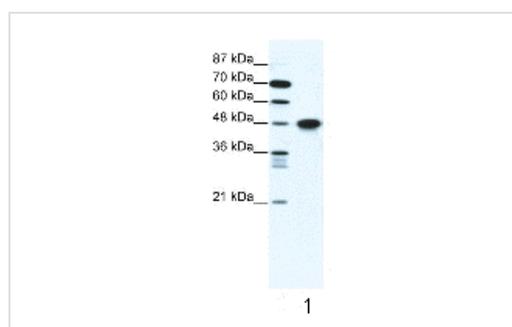
ELISA Use at an assay dependent concentration.
ELISA titre using peptide based assay: 1:62500.

WB Use a concentration of 1.25 µg/ml. Detects a band of approximately 48 kDa (predicted molecular weight: 48 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

靶标

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| 功能 | Multifunctional enzyme that, as well as its role in glycolysis, plays a part in various processes such as growth control, hypoxia tolerance and allergic responses. May also function in the intravascular and pericellular fibrinolytic system due to its ability to serve as a receptor and activator of plasminogen on the cell surface of several cell-types such as leukocytes and neurons. Stimulates immunoglobulin production. MBP1 binds to the myc promoter and acts as a transcriptional repressor. May be a tumor suppressor. |
| 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. |
| 翻译后修饰 | ISGylated. |
| 细胞定位 | Nucleus and Cytoplasm. Cell membrane. Cytoplasm > myofibril > sarcomere > M line. Can translocate to the plasma membrane in either the homodimeric (alpha/alpha) or heterodimeric (alpha/gamma) form. ENO1 is localized to the M line. |

图片



Western blot - Anti-Non Neuronal Enolase antibody (ab49256)

Anti-Non Neuronal Enolase antibody (ab49256) at 1.25 µg/ml + Jurkat cell lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG 1/50,000 - 1/100,000

Predicted band size: 48 kDa

Observed band size: 48 kDa

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