

MYC 启动子结合蛋白 1 抗体

产品货号： mlR3978

英文名称： ENO1

中文名称： MYC 启动子结合蛋白 1 抗体

别名： 2 phospho D glycerate hydro lyase; Alpha enolase 1; Alpha enolase; C myc promoter binding protein; EC 4.2.1.11; ENO1L1; Enolase 1 (alpha); Enolase 1 (alpha) like 1; Enolase 1; MBP 1; MBP1; MBPB1; MPB 1; MPB1; MYC promoter binding protein 1; NNE; Non neural enolase; Phosphopyruvate hydratase; Plasminogen binding protein; PPH; Non Neuronal Enolase; ENOA_HUMAN.

研究领域： 肿瘤 细胞生物 免疫学 染色质和核信号 信号转导 转录调节因子 结合蛋白 新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Cow, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量：47kDa

细胞定位：细胞核 细胞浆 细胞膜

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human ENO1:51-150/434

亚型：IgG

纯化方法：affinity purified by Protein A

储存液：0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件：Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed：PubMed

产品介绍 background:

ENO1 encodes one of three enolase isoenzymes found in mammals; it encodes alpha-enolase, a homodimeric soluble enzyme, and also encodes a shorter monomeric structural lens protein, tau-crystallin. The two proteins are made from the same message. The full length protein, the isoenzyme, is found in the cytoplasm. The shorter protein is produced from an alternative translation start, is localized to the nucleus, and has been found to bind to an element in the c-myc promoter. A pseudogene has been identified that is located on the other arm of the same chromosome.

Function:

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.

Subunit:

Mammalian enolase is composed of 3 isozyme subunits, alpha, beta and gamma, which can form homodimers or heterodimers which are cell-type and development-specific. ENO1 interacts with PLG in the neuronal plasma membrane and promotes its activation. The C-terminal lysine is required for this binding.

Subcellular Location:

Cytoplasm. Cell membrane. Cytoplasm, myofibril, sarcomere, M line. Isoform MBP-1: Nucleus.

Tissue Specificity:

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.

Similarity:

Belongs to the enolase family.

SWISS:

P06733

Gene ID:

2023

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

