

## 肌肉糖原磷酸化酶抗体

产品货号： mlR5012

英文名称： PYGM

中文名称： 肌肉糖原磷酸化酶抗体

别名： Glycogen phosphorylase muscle form; Muscpho; Myophosphorylase; Phosphorylase glycogen muscle (McArdle syndrome glycogen storage disease type V); PYGM\_HUMAN.

研究领域： 肿瘤 细胞生物 免疫学 转录调节因子 糖蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Sheep,

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 : 97kDa

细胞定位 : 细胞浆 细胞外基质

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human PYGM:401-500/842

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:**

Phosphorylase is an important allosteric enzyme in carbohydrate metabolism. Enzymes from different sources differ in their regulatory mechanisms and in their natural substrates. However, all known phosphorylases share catalytic and structural properties.

**Function:**

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**Subunit:**

Homodimer. Dimers associate into a tetramer to form the enzymatically active phosphorylase A.

**Post-translational modifications:**

Phosphorylation of Ser-15 converts phosphorylase B (unphosphorylated) to phosphorylase A.

**DISEASE:**

Defects in PYGM are the cause of glycogen storage disease type 5 (GSD5) [MIM:232600]; also known as McArdle disease. GSD5 is a metabolic disorder resulting in myopathy characterized by exercise intolerance, cramps, muscle weakness and recurrent myoglobinuria.

**Similarity:**

Belongs to the glycogen phosphorylase family.

**SWISS:**

P11217

**Gene ID:**

5837

**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

