果糖-2,6-二磷酸酶 4 抗体

产品货号： mlR12632

英文名称： PFKFB4

中文名称： 果糖-2,6-二磷酸酶 4 抗体

别　　名： 6-bisphosphatase; 6-P2ase 4; 6-P2ASE testis-type isozyme; 6-phosphofructo-2-kinase; 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 4; 6PF 2 K/Fru 2,6 P2ase 4; 6PF 2 K/Fru 2,6 P2ase testis type isozyme; 6PF-2-K/Fru-2; 6PF-2-K/Fru-2,6-P2ase; Bifunctional enzyme with kinase and biphosphatase activities; F264_HUMAN; Fructose-2; Fructose-2,6-bisphosphatase; PFK/FBPase 4; PFKFB4.

研究领域： 肿瘤　细胞生物　信号转导　激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 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： 54kDa

细胞定位： 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human PFKFB4:2-100/469

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: This gene encodes a member of the family of bifunctional 6-phosphofructo-2-kinase:fructose-2,6-biphosphatase enzymes. The enzyme forms a homodimer that catalyzes both the synthesis and degradation of fructose-2,6-biphosphate using independent catalytic domains. Fructose-2,6-biphosphate is an activator of the glycolysis pathway and an inhibitor of the gluconeogenesis pathway. Consequently, regulating fructose-2,6-biphosphate levels through the activity of this enzyme is thought to regulate glucose homeostasis. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2012]

Function:

Synthesis and degradation of fructose 2,6-bisphosphate.

Subunit:

Homodimer.

Similarity:

In the C-terminal section; belongs to the phosphoglycerate mutase family.

SWISS:

Q16877

Gene ID:

5210

Important Note:

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