

转醛醇酶 EPS8L2 抗体

产品货号： mIR4041

英文名称： Transaldolase 1

中文名称： 转醛醇酶/EPS8L2 抗体

别名： Dihydroxyacetone transferase; EPS8L2; Glycerone transferase; TAL; TAL H; TALDO; TALDO1; TALDOR; TALH; Transaldolase 1; Transaldolase1; Transaldolase-1; EC 2.2.1.2; TALDO_HUMAN.

研究领域： 肿瘤 细胞生物 免疫学 神经生物学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, 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： 37kDa

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 Transaldolase 1:145-250/337

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 : Transaldolase 1 is a key enzyme of the nonoxidative pentose phosphate pathway providing ribose-5-phosphate for nucleic acid synthesis and NADPH for lipid biosynthesis. This pathway can also maintain glutathione at a reduced state and thus protect sulfhydryl groups and cellular integrity from oxygen radicals. The functional gene of transaldolase 1 is located on chromosome 11 and a pseudogene is identified on chromosome 1 but there are conflicting map locations. The second and third exon of this gene were developed by insertion of a retrotransposable element. This gene is thought to be involved in multiple sclerosis.

Function:

Transaldolase is important for the balance of metabolites in the pentose-phosphate pathway.

Subunit:

Homodimer.

DISEASE:

Transaldolase 1 deficiency (TALDO1 deficiency) [MIM:606003]: Results in telangiectases of the skin, hepatosplenomegaly, and enlarged clitoris. Note=The disease is caused by mutations affecting the gene represented in this entry.

SWISS:



Q9H6S3

Gene ID:

64787

Important Note:

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

Transaldolase 1 称醛羧移转酶 或转二羟丙酮基酶，经研究该蛋白与多发性硬化症有关。