



P5C 还原酶 2 抗体

产品货号 : mlR19690

英文名称 : PYCR2

中文名称 : P5C 还原酶 2 抗体

别 名 : 1810018M05Rik; FLJ54750; Leftb; OTTHUMP0000035614; P5C reductase 2; P5CR 2; P5CR2; P5CR2_HUMAN; PYCR 2; PYCR2; Pyrroline 5 carboxylate reductase 2; Pyrroline 5 carboxylate reductase family member 2; Pyrroline 5 carboxylate reductase isoform; Pyrroline-5-carboxylate reductase 2; RP4-559A3.4.

研究领域 : 细胞生物 免疫学 信号转导 干细胞

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Cynomolgus Monkey, Orangutan

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 : 34kDa

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 PYCR2:251-320/320

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 belongs to the pyrroline-5-carboxylate reductase family. The encoded mitochondrial protein catalyzes the conversion of pyrroline-5-carboxylate to proline, which is the last step in proline biosynthesis. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Nov 2012]

Function:

Housekeeping enzyme that catalyzes the last step in proline biosynthesis. In some cell types, such as erythrocytes, its primary function may be the generation of NADP(+). Can utilize both NAD and NADP. Has higher affinity for NADP, but higher catalytic efficiency with NADH.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Detected in erythrocytes (at protein level).



Similarity:

Belongs to the pyrroline-5-carboxylate reductase family.

SWISS:

Q96C36

Gene ID:

29920

Important Note:

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