

## 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; OTTHUMP00000035614; 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.