

## 细胞色素 C 氧化酶蛋白 6B2 抗体

产品货号： mlR14009

英文名称： COX6B2

中文名称： 细胞色素 C 氧化酶蛋白 6B2 抗体

别名： Cancer/testis antigen 59; COX VIb-2; Cox6b2; COXVIb-2; COXVIb2; CT59; CX6B2\_HUMAN; Cytochrome c oxidase subunit 6B2; Cytochrome c oxidase subunit VIb; Cytochrome c oxidase subunit VIb isoform 2; cytochrome c oxidase subunit VIb polypeptide 2 (testis); Cytochrome c oxidase subunit VIb testes specific; Cytochrome c oxidase subunit VIb, testis-specific isoform; FLJ46422; MGC119094; testis-specific isoform.

研究领域： 肿瘤 细胞生物 信号转导 细胞类型标志物 新陈代谢 锌指蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Cow, 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： 11kDa

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 COX6B2:1-88/88

**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：** The cytochrome c oxidase (COX) family of proteins function as the final electron donor in the respiratory chain to drive a proton gradient across the inner mitochondrial membrane, ultimately resulting in the production of water. The mammalian COX apoenzyme is a dimer, with each monomer consisting of 13 subunits, some of which are mitochondrial and some of which are nuclear. Localized to the intermembrane space, COX6b2 (Cytochrome c oxidase subunit 6B2), also known as Cytochrome c oxidase subunit VIb isoform 2 and Cancer/testis antigen 59, is a 88 amino acid mitochondrial protein that is responsible for joining the two COX monomers to form the COX dimer. COX6b2 is specifically expressed in testis and is found to be upregulated in certain cancer cell lines.

**Function:**

Connects the two COX monomers into the physiological dimeric form.

**Subcellular Location:**

Mitochondrion intermembrane space.

**Tissue Specificity:**

Testis specific. Weak expression in thymus and heart. Expressed in cancer cell lines.

**Similarity:**

Belongs to the cytochrome c oxidase subunit 6B family.

**SWISS:**

Q6YFQ2

**Gene ID:**

125965

**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**

