

## 花生四烯酸 15 脂氧合酶 2 抗体

产品货号： mIR20026

英文名称： 15 Lipoxygenase 2

中文名称： 花生四烯酸 15 脂氧合酶 2 抗体

别名： 15 LO 2; 15 LOX 2; 15-lipoxygenase 2; 15-LOX-2; 15-LOX-B; ALOX15B; Arachidonate 15 lipoxygenase second type; Arachidonate 15 lipoxygenase type II; Arachidonate 15-lipoxygenase B; Arachidonate 15-lipoxygenase type II; LX15B\_HUMAN.

研究领域： 肿瘤 心血管 细胞生物 信号转导 细胞凋亡 新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Cow,

产品应用： WB=1:500-2000 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： 76kDa

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 15 Lipoxygenase 2:221-320/676

**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 lipoxygenase family of structurally related nonheme iron dioxygenases involved in the production of fatty acid hydroperoxides. The encoded protein converts arachidonic acid exclusively to 15S-hydroperoxyeicosatetraenoic acid, while metabolizing linoleic acid less effectively. This gene is located in a cluster of related genes and a pseudogene that spans approximately 100 kilobases on the short arm of chromosome 17. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

**Function:**

Converts arachidonic acid exclusively to 15S-hydroperoxyeicosatetraenoic acid, while linoleic acid is less well metabolized.

**Subcellular Location:**

Cytoplasm.

**Tissue Specificity:**

Expressed in hair, prostate, lung and cornea.

**Similarity:**

Belongs to the lipoxygenase family.

Contains 1 lipoxygenase domain.

Contains 1 PLAT domain.

**SWISS:**

O15296

**Gene ID:**

247

**Important Note:**

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