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# 5 LipoxygenaseAntibody

货号: **AYP4692**

## 产品信息

|       |   |
|-------|---|
| 反应    | Human,Mouse,Rat   |
| 宿主    | Rabbit  |
| 克隆性   | Polyclonal  |
| 预测反应  |   |
| 应用    | WB IHC IF/ICC ELISA   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IHC:</b> 1:50 - 1:200<br><b>IF/ICC:</b> 1:50 - 1:200          |
| 理论分子量 | 56kDa/61kDa/71kDa/74kDa/77kDa   |
| 实测分子量 |   |
| 形式    | Liquid  |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated  |
| 阳性对照  | Mouse lung  |
| 细胞定位  | Cytoplasm,Nucleus matrix,Nucleus membrane,Peripheral membrane protein                         |
| 纯化    | Affinity purification   |

## 抗原信息

|      |  |
|------|--|
| 抗原信息 | Synthesized peptide derived from Human 5 LipoxygenaseAntibody. |
|------|--|

## 靶点信息

|       |  |
|-------|--|
| 研究背景  | This gene encodes a member of the lipoxygenase gene family and plays a dual role in the synthesis of leukotrienes from arachidonic acid. The encoded protein, which is expressed specifically in bone marrow-derived cells, catalyzes the conversion of arachidonic acid to 5(S)-hydroperoxy-6-trans-8,11,14-cis-eicosatetraenoic acid, and further to the allylic epoxide 5(S)-trans-7,9-trans-11,14-cis-eicosatetraenoic acid (leukotriene A4). Leukotrienes are important mediators of a number of inflammatory and allergic conditions. Mutations in the promoter region of this gene lead to a diminished response to antileukotriene drugs used in the treatment of asthma and may also be associated with atherosclerosis and several cancers. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. |
| 基因ID  | 240  |
| 基因名   | ALOX5  |
| Swiss | P09917 ( <a href="https://www.uniprot.org/uniprotkb/P09917/entry">https://www.uniprot.org/uniprotkb/P09917/entry</a> )   |
| 别名    | ALOX5,5-LO,5-LOX,5LPG,LOG5,5 LipoxygenaseAntibody,Arachidonate 5-lipoxygenase  |

## 产品验证

## 实验步骤

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