

**产品名称: ALDH1A1 Rabbit Monoclonal Antibody**  
**产品货号: AMRe01481**



## 产品概述 (Summary)

|                        |                                        |
|------------------------|----------------------------------------|
| 产品名称 (Production Name) | ALDH1A1 Rabbit Monoclonal Antibody     |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody |
| 宿主 (Host)              | Rabbit                                 |
| 应用 (Application)       | WB,IHC,IP                              |
| 种属反应性 (Reactivity)     | Human,Mouse                            |

## 产品性能 (Performance)

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                         |
| 修饰 (Modification)   | Unmodified                                                                                           |
| 同种型 (Isotype)       | IgG                                                                                                  |
| 克隆 (Clonality)      | Monoclonal                                                                                           |
| 形式 (Form)           | Liquid                                                                                               |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.             |
| 储存溶液 (Buffer)       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| 纯化方式 (Purification) | Affinity Purification                                                                                |

## 免疫原信息 (Immunogen)

|                        |                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | ALDH1A1<br>ALDH1A1; ALDC; ALDH1; PUMB1; Retinal dehydrogenase 1; RALDH 1; RalDH1;             |
| 别名 (Alternative Names) | ALDH-E1; ALHDII; Aldehyde dehydrogenase family 1 member A1; Aldehyde dehydrogenase; cytosolic |
| 基因 ID (Gene ID)        | 216                                                                                           |
| 蛋白 ID (SwissProt ID)   | P00352.                                                                                       |

## 产品应用 (Application)

|                          |                                             |
|--------------------------|---------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50 |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 55 kDa; Observed MW: 55 kDa  |

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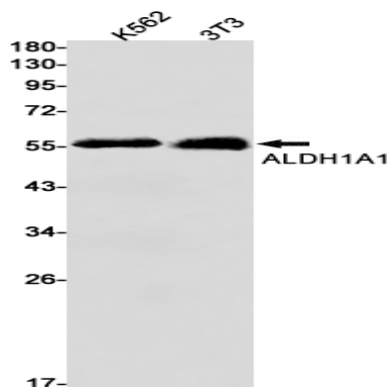
## 研究背景 (Background)

ALDH1A1 is a liver cytosolic isoform of acetaldehyde dehydrogenase and is involved in the major pathway of alcohol metabolism along with alcohol dehydrogenase. ALDH1A1 is also known as retinal dehydrogenase 1 and is involved in retinol metabolism, converting retinol to retinoic acid.

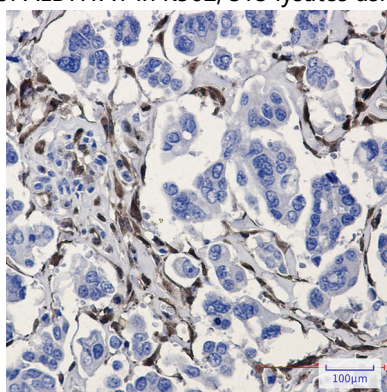
## 研究领域 (Research Area)

Neuroscience

## 图片 (Image Data)



Western blot analysis of ALDH1A1 in K562, 3T3 lysates using ALDH1A1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using ALDH1A1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## 注意事项 (Note)

For research use only.