

产品名称: ALDH7A1 Rabbit Monoclonal Antibody  
产品货号: AMRe87727



## 产品概述 (Summary)

|                        |                                        |
|------------------------|----------------------------------------|
| 产品名称 (Production Name) | ALDH7A1 Rabbit Monoclonal Antibody     |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody |
| 宿主 (Host)              | Rabbit                                 |
| 应用 (Application)       | WB,IHC,ICC/IF,FC,IP                    |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                        |

## 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)       | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt. |
| 纯化方式 (Purification) | Affinity Purification                                                                                                                                        |

## 免疫原信息 (Immunogen)

|                        |                 |
|------------------------|-----------------|
| 基因名 (Gene Name)        | ALDH7A1         |
| 别名 (Alternative Names) | EPD; PDE; ATQ1  |
| 基因 ID (Gene ID)        | 501, 110695     |
| 蛋白 ID (SwissProt ID)   | P49419, Q9DBF1. |

## 产品应用 (Application)

|                          |                                                                               |
|--------------------------|-------------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:2000-1:20000,IHC 1:200-1:2000,ICC/IF 1:20-1:50,FC 1:20-1:50,IP 1:20-1:50 |
| 蛋白分子量 (Molecular Weight) | Calculated MW:59 kDa; Observed MW:59 kDa                                      |

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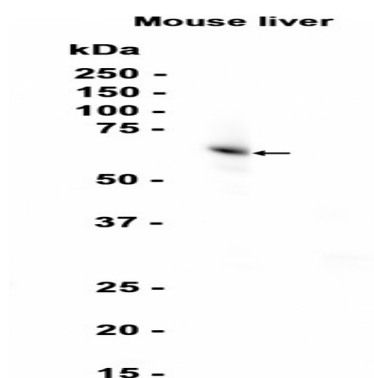


## 研究背景 (Background)

The protein encoded by this gene is a member of subfamily 7 in the aldehyde dehydrogenase gene family. These enzymes are thought to play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. This particular member has homology to a previously described protein from the green garden pea, the 26g pea turgor protein. It is also involved in lysine catabolism that is known to occur in the mitochondrial matrix. Recent reports show that this protein is found both in the cytosol and the mitochondria, and the two forms likely arise from the use of alternative translation initiation sites. An additional variant encoding a different isoform has also been found for this gene. Mutations in this gene are associated with pyridoxine-dependent epilepsy. Several related pseudogenes have also been identified.  
[provided by RefSeq, Jan 2011]

## 研究领域 (Research Area)

## 图片 (Image Data)



Western blot analysis of extracts from Mouse liver tissue using AMRe87727 at 1:1000.

## 注意事项 (Note)

For research use only .