

产品名称: BDH1 Mouse Monoclonal Antibody  
产品货号: AMM80811



## 产品概述 (Summary)

|                        |                                |
|------------------------|--------------------------------|
| 产品名称 (Production Name) | BDH1 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody      |
| 宿主 (Host)              | Mouse                          |
| 应用 (Application)       | WB,IHC,ELISA                   |
| 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)       | Mouse IgG1                                                                               |
| 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)       | Purified antibody in PBS with 0.05% sodium azide.                                        |
| 纯化方式 (Purification) | Affinity Purification                                                                    |

## 免疫原信息 (Immunogen)

|                        |                                                                           |
|------------------------|---------------------------------------------------------------------------|
| 基因名 (Gene Name)        | BDH1                                                                      |
| 别名 (Alternative Names) | BDH                                                                       |
| 基因 ID (Gene ID)        | 622.0                                                                     |
| 蛋白 ID (SwissProt ID)   | Q02338 .Purified recombinant fragment of human BDH1 expressed in E. Coli. |

## 产品应用 (Application)

|                          |                                                       |
|--------------------------|-------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 38kDa                                                 |

## 研究背景 (Background)

BDH1 (3-hydroxybutyrate dehydrogenase, type 1), it is a member of the short-chain dehydrogenase/reductase gene family. This protien forms a homotetrameric lipid-requiring enzyme of the mitochondrial membrane and has a specific

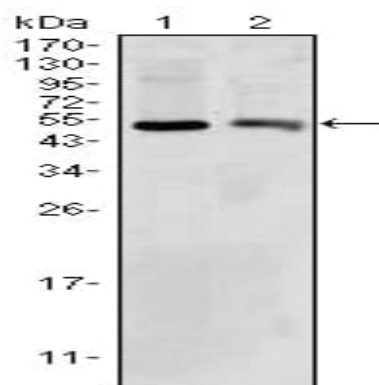
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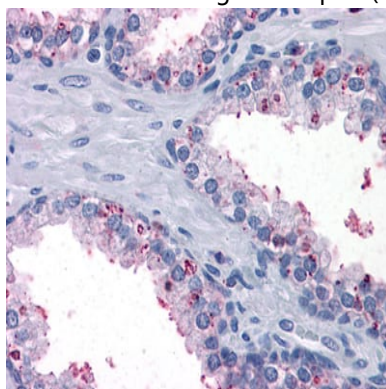
requirement for phosphatidylcholine for optimal enzymatic activity. It catalyzes the interconversion of acetoacetate and (R)-3-hydroxybutyrate, the two major ketone bodies produced during fatty acid catabolism.

## 研究领域 (Research Area)

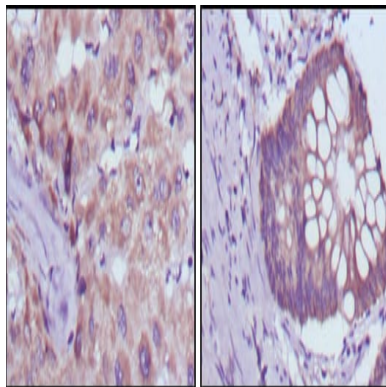
## 图片 (Image Data)



Western blot analysis using BDH1 mouse mAb against HepG2 (1) and NIH/3T3 (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded human Prostate tissues using anti-BDH1 mouse mAb



Immunohistochemical analysis of paraffin-embedded human liver cancer (left) and colorectal cancer tissues (right) using BDH1 mouse mAb with DAB staining.

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**注意事项 (Note)**

For research use only .