

产品名称: HMGCL Rabbit Monoclonal Antibody  
产品货号: AMRe84083



## 产品概述 (Summary)

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

## 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)       | Purified antibody in PBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol. |
| 纯化方式 (Purification) | Affinity Purification                                                                        |

## 免疫原信息 (Immunogen)

|                        |                                                                   |
|------------------------|-------------------------------------------------------------------|
| 基因名 (Gene Name)        | HMGCL                                                             |
| 别名 (Alternative Names) | HMG CoA lyase; HMGCL; Hydroxymethylglutaricaciduria; MS725;;HMGCL |
| 基因 ID (Gene ID)        |                                                                   |
| 蛋白 ID (SwissProt ID)   | P35914.A synthesized peptide derived from human HMGCL             |

## 产品应用 (Application)

|                          |                                             |
|--------------------------|---------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:1000-1:2000, IHC 1:100-1:200           |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 34 kDa ; Observed MW: 30 kDa |

## 研究背景 (Background)

Mitochondrial 3-hydroxymethyl-3-methylglutaryl-CoA lyase that catalyzes a cation-dependent cleavage of (S)-3-hydroxy-

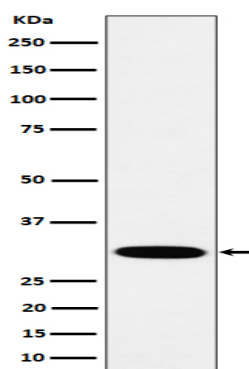
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3-methylglutaryl-CoA into acetyl-CoA and acetoacetate, a key step in ketogenesis. Terminal step in leucine catabolism. Ketone bodies (beta-hydroxybutyrate, acetoacetate and acetone) are essential as an alternative source of energy to glucose, as lipid precursors and as regulators of metabolism.

## 研究领域 (Research Area)

## 图片 (Image Data)



Western blot analysis of HMGCL expression in A431 cell lysate.

## 注意事项 (Note)

For research use only .