

产品名称: MDH2 Rabbit Monoclonal Antibody  
产品货号: AMRe02238



## 产品概述 (Summary)

|                        |                                        |
|------------------------|----------------------------------------|
| 产品名称 (Production Name) | MDH2 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,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)       | 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)        | MDH2                               |
| 别名 (Alternative Names) | MDH; MOR1; M-MDH; EIEE51; MGC:3559 |
| 基因 ID (Gene ID)        | 4191                               |
| 蛋白 ID (SwissProt ID)   | P40926.                            |

## 产品应用 (Application)

|                          |                                            |
|--------------------------|--------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IHC 1:50-1:100             |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 36 kDa; Observed MW: 36 kDa |

## 研究背景 (Background)

Malate dehydrogenase catalyzes the reversible oxidation of malate to oxaloacetate, utilizing the NAD/NADH cofactor

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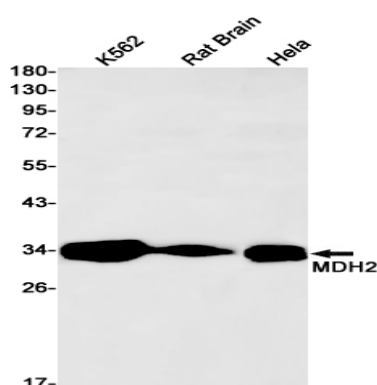


system in the citric acid cycle. The protein encoded by this gene is localized to the mitochondria and may play pivotal roles in the malate-aspartate shuttle that operates in the metabolic coordination between cytosol and mitochondria. Several transcript variants encoding different isoforms have been found for this gene.

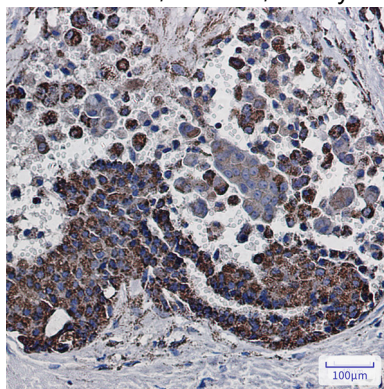
## 研究领域 (Research Area)

Tags & Cell Markers

## 图片 (Image Data)



Western blot analysis of MDH2 in K562, rat Brain, Hela lysates using MDH2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using MDH2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## 注意事项 (Note)

For research use only .