

产品名称: MTHFR Rabbit Monoclonal Antibody  
产品货号: AMRe02284



## 产品概述 (Summary)

|                        |                                        |
|------------------------|----------------------------------------|
| 产品名称 (Production Name) | MTHFR Rabbit Monoclonal Antibody       |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody |
| 宿主 (Host)              | Rabbit                                 |
| 应用 (Application)       | WB, ICC/IF, 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)        | MTHFR                                      |
| 别名 (Alternative Names) | MTHFR; Methylenetetrahydrofolate reductase |
| 基因 ID (Gene ID)        | 4524                                       |
| 蛋白 ID (SwissProt ID)   | P42898.                                    |

## 产品应用 (Application)

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000, ICC/IF 1:50-1:200, IP 1:20-1:50 |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 75 kDa; Observed MW: 75 kDa       |

## 研究背景 (Background)

The protein encoded by this gene catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate,

产品名称: MTHFR Rabbit Monoclonal Antibody  
产品货号: AMRe02284

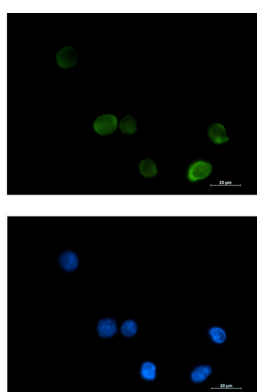


a co-substrate for homocysteine remethylation to methionine. Genetic variation in this gene influences susceptibility to occlusive vascular disease, neural tube defects, colon cancer and acute leukemia, and mutations in this gene are associated with methylenetetrahydrofolate reductase deficiency.

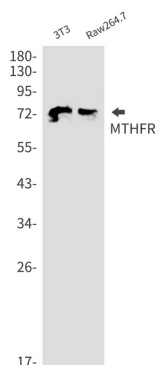
## 研究领域 (Research Area)

Signal Transduction

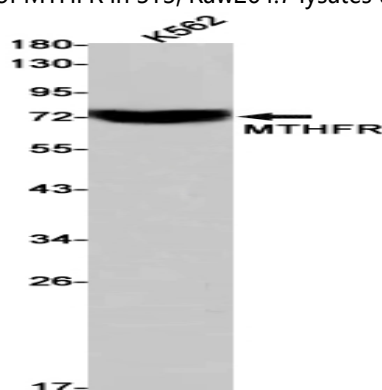
## 图片 (Image Data)



Immunocytochemistry analysis of MTHFR (green) in K562 using MTHFR antibody, and DAPI (blue).



Western blot analysis of MTHFR in 3T3, Raw264.7 lysates using MTHFR antibody.



Western blot analysis of MTHFR in K562 lysates using MTHFR antibody

**产品名称: MTHFR Rabbit Monoclonal Antibody**  
**产品货号: AMRe02284**

---



**注意事项 (Note)**

For research use only .