

**产品名称: Sodium Potassium ATPase (14S2) Rabbit Monoclonal Antibody**  
**产品货号: AMRe18101**



## 产品概述 (Summary)

|                        |                                                           |
|------------------------|-----------------------------------------------------------|
| 产品名称 (Production Name) | Sodium Potassium ATPase (14S2) Rabbit Monoclonal Antibody |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody                    |
| 宿主 (Host)              | Rabbit                                                    |
| 应用 (Application)       | WB,IHC,ICC/IF,FC                                          |
| 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)       | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |
| 纯化方式 (Purification) | Affinity purification                                                                                                                                                                        |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | ATP1A1                                                                                                                                                          |
| 别名 (Alternative Names) | A1A1; AT1A1; ATP1A1; Na <sup>+</sup> /K <sup>+</sup> transporting; alpha 1 polypeptide; Na <sup>+</sup> /K <sup>+</sup> ATPase 1; Na,K-ATPase 1; Sodium pump 1; |
| 基因 ID (Gene ID)        | 476.0                                                                                                                                                           |
| 蛋白 ID (SwissProt ID)   | P05023.                                                                                                                                                         |

## 产品应用 (Application)

|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:2000-1:10000,IHC 1:50-1:200,ICC/IF 1:200-1:500,FC 1:20-1:50 |
| 蛋白分子量 (Molecular Weight) | 113kDa                                                           |

产品名称: Sodium Potassium ATPase (14S2) Rabbit  
Monoclonal Antibody  
产品货号: AMRe18101



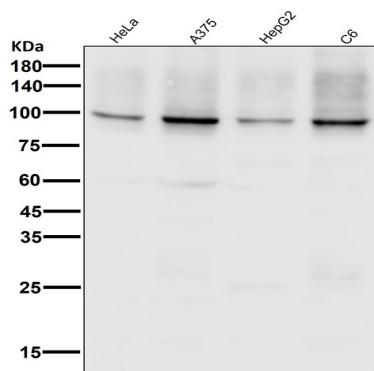
## 研究背景 (Background)

This is the catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of sodium and potassium ions across the plasma membrane. This action creates the electrochemical gradient of sodium and potassium ions, providing the energy for active transport of various nutrients. This is the catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of sodium and potassium ions across the plasma membrane. This action creates the electrochemical gradient of sodium and potassium ions, providing the energy for active transport of various nutrients.

## 研究领域 (Research Area)

Cardiac muscle contraction; Aldosterone-regulated sodium reabsorption;

## 图片 (Image Data)



All lanes use Sodium Potassium ATPase Antibody at 1:50000 dilution for 1 hour at room temperature.

## 注意事项 (Note)

For research use only .