

**产品名称:** Phospho-alpha 1 Sodium Potassium ATPase (Ser23) Rabbit Polyclonal Antibody  
**产品货号:** APRab00835

### 产品概述 (Summary)

|                   |                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------|
| 描述(Description)   | Rabbit polyclonal Antibody                                                                     |
| 宿主(Host)          | Rabbit                                                                                         |
| 应用(Application)   | WB,ICC/IF,ELISA                                                                                |
| 种属反应(Reactivity)  | Rat                                                                                            |
| 偶联物(Conjugation)  | Unconjugated                                                                                   |
| 修饰(Modification)  | Phosphorylated                                                                                 |
| 同种型(Isotype)      | IgG                                                                                            |
| 克隆(Clonality)     | Polyclonal                                                                                     |
| 剂型(Form)          | Liquid                                                                                         |
| 保存条件(Storage)     | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.       |
| 储存溶液(Buffer)      | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| 纯化 (Purification) | Affinity Chromatography                                                                        |

### 产品应用(Application)

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| 稀释比(Dilution Ratio)   | WB 1:500-1:1000,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000 |
| 分子量(Molecular Weight) | Calculated MW: 113 kDa; Observed MW: 113 kDa           |

### 抗原信息(Antigen Information)

|                       |                                                                                                                                                            |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名(Gene Name)        | Atp1A1                                                                                                                                                     |
| 别名(Alternative Names) | ATP1A1; Sodium/potassium-transporting ATPase subunit alpha-1; Na(+)/K(+) ATPase alpha-1 subunit; Sodium pump subunit alpha-1                               |
| 基因 ID(Gene ID)        | 24211.0                                                                                                                                                    |
| SwissProt ID          | P06685                                                                                                                                                     |
| 免疫原(Immunogen)        | The antiserum was produced against synthesized peptide derived from rat ATP1 alpha1/Na+K+ ATPase1 around the phosphorylation site of Ser23. AA range:15-64 |

### 研究背景 (Background)

The ATPase Na<sup>+</sup>/K<sup>+</sup> transporting subunit alpha 1 encoded by ATP1A1 belongs to the family of P-type cation transport

ATPases, and to the subfamily of Na<sup>+</sup>/K<sup>+</sup> -ATPases. Na<sup>+</sup>/K<sup>+</sup> -ATPase is an integral membrane protein responsible for establishing and maintaining the electrochemical gradients of Na and K ions across the plasma membrane.

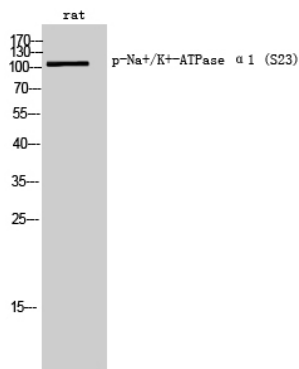
## 研究领域 (Research Area)

Tags & Cell Markers

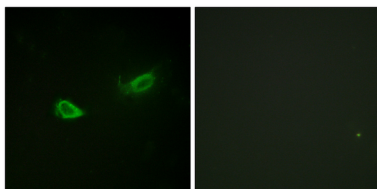
## 注意事项 (Note)

For research use only.

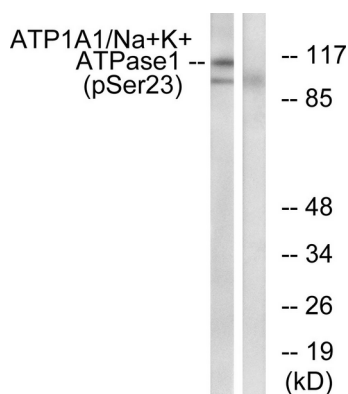
## 图片 (Image Data)



Western blot analysis of Phospho-alpha 1 Sodium Potassium ATPase (Ser23) in rat lysates using Phospho-alpha 1 Sodium Potassium ATPase (Ser23) antibody.



Immunofluorescence analysis of Phospho-alpha 1 Sodium Potassium ATPase (Ser23) in NIH/3T3 using ATP1 alpha1/Na<sup>+</sup>K<sup>+</sup> ATPase1 (Phospho-Ser23) antibody. The picture on the right is blocked using the Phospho-peptide.



Western blot analysis of Phospho-alpha 1 Sodium Potassium ATPase (Ser23) in rat brain lysates using ATP1 alpha1/Na<sup>+</sup>K<sup>+</sup> ATPase1 (Phospho-Ser23) antibody. The lane on the right is blocked with the Phospho-peptide.

## EnkiLife 优势产品推荐

| 产品类别                        | 产品货号     | 产品名称                                               |
|-----------------------------|----------|----------------------------------------------------|
| WB 解决方案                     | RA10020  | 2h 极速 WB 即用型全流程试剂盒                                 |
|                             | RA10021  | 4h 快速 WB 即用型全流程试剂盒                                 |
|                             | RA10042  | 5h 畅享版 WB 全流程试剂盒                                   |
|                             | RA10037  | 校准级彩色预染蛋白 Marker (8-180kDa)                        |
|                             | RA10038  | 校准级彩色预染蛋白 Marker (10-250kDa)                       |
|                             | RA10039  | 校准级高分子彩色预染蛋白 Marker (25-400kDa)                    |
| TSA 多重荧光染色试剂盒               | RA10008  | TSA 双标三色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10009  | TSA 三标四色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10010  | TSA 四标五色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10011  | TSA 五标六色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10012  | TSA 六标七色多重荧光染色试剂盒 (mIHC)                           |
| IHC 检测试剂盒                   | RA10006  | HRP Anti-Mouse/Rabbit IHC Detection System         |
|                             | RA10007  | Polymer-HRP Anti-Mouse/Rabbit IHC Detection System |
| 抗体标记试剂盒                     | RE80004p | 辣根过氧化物酶(HRP)抗体标记试剂盒                                |
|                             | RE80002q | Sulfo-NHS-生物素标记试剂盒                                 |
|                             | RE80007p | Cy3 荧光素标记试剂盒                                       |
|                             | RE80011p | Fluor488 荧光素标记试剂盒                                  |
|                             | RE80017p | Fluor750 荧光素标记试剂盒                                  |
|                             | RE80005p | 藻红蛋白(R-PE) 抗体快速标记试剂盒                               |
|                             | RE80040  | PE-Cy7 串联染料抗体快速标记试剂盒                               |
| 稳转细胞系构建服务<br>(免费赠送全膜 WB 验证) | TS-0001  | 过表达稳转细胞系构建                                         |
|                             | TS-0002  | 敲低稳转细胞系构建                                          |
|                             | TS-0003  | 敲除细胞系构建                                            |

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>